Remedial Investigation Interim Remedial Measures Alternatives Analysis Report

1681-1689 Main Street Site
(BCP No. C915378)
Buffalo, New York

February 2026

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Certification

I, Thomas H. Forbes, certify that I am currently a NYS registered Professional Engineer and that this February 2026 Remedial Investigation Interim Remedial Measures Alternatives Analysis Report for the 1681-1689 Main Street Site (C915378) was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

Thomas H. Forbes, P.E. _____

NYS Professional Engineer #70950-1 Date Signature

It is a violation of Article 145 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 145, New York State Education Law.

1. Introduction

This Remedial Investigation Interim Remedial Measures Alternatives Analysis (RI/IRM/AA) Report has been prepared by Roux Environmental Engineering and Geology, D.P.C. (Roux), on behalf of 1681-1689 Main Street LLC for the 1681-1689 Main Street (Site), Brownfield Cleanup Program (BCP) Site No. C915378, located in the City of Buffalo, Erie County, New York (see Figures 1 and 2).

1681-1689 Main Street LLC elected to pursue investigation, remediation, and redevelopment of the Site under the NYS BCP and executed a Brownfield Cleanup Agreement (BCA) with the NYS Department of Environmental Conservation (NYSDEC) on March 3, 2022 (Index No. C915378-03-22). The RI/IRM/AA Work Plan was approved by the Department on November 7, 2022. A BCA Amendment was submitted to the Department for inclusion of 1707 Main Street Site in October 2023 and was approved by the Department on November 15, 2023. An Addendum to the RI-IRM Work Plan (November 2023) was submitted to the Department to detail the planned RI and IRM activities for the addition of the 1707 Main Street parcel and was approved by the Department on March 1, 2024.

1.1 Background

The 2.04 acre BCP Site consists of four (4) adjoining parcels, including:

- 1681 Main Street – 0.74 acres, SBL 100.24-4-20
- 1689 Main Street – 1.085 acres, SBL 100.24-4-21
- 1703 Main Street – 0.112 acres, SBL 100.24-4-22
- 1707 Main Street – 0.105 acres, SBL 100.24-4-23

The Site is located in an urban setting within the City of Buffalo, Erie County, New York (see Figures 1 and 2). The Site is bound by Main Street with residential and commercial properties to the west, East Balcom Street to the south, Masten Avenue to the east, and with mixed use residential and commercial properties to the north. The surrounding area land use is mixed-use residential and commercial.

The Site has a long history of former commercial operations including automotive repair, battery service, automotive painting, commercial bakery with loading docks, and the storage/use of petroleum and/or solvents. Most recently a portion of the Site has been used for automotive repair and service. The former buildings covered the majority of the Site, including the western half of 1689 Main Street and all of the 1681 Main Street parcels. Demolition of the buildings was completed to allow safe access to complete the environmental investigation, remediation, and for redevelopment as residential apartments (affordable housing) supported by NYS Homes and Community Renewal (HCR).

A previous investigation completed at the Site identified elevated levels of volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), and metals at concentrations exceeding the regulatory guidelines for the planned reuse (Track 1 Unrestricted Use).

The planned redevelopment includes the construction of a three (3) new buildings, including a five-story apartment building, and two two-story townhouse buildings.

1.2 Previous Investigations

September 2020 – Phase I Environmental Site Assessment

Benchmark Environmental Engineering and Science, PLLC completed a Phase I Environmental Site Assessment (ESA) for the subject Site. Benchmark identified the following recognized environmental conditions (RECs) as the relate to the 1681-1689 Main Street Site:

- The long history of various commercial operations (i.e., automotive repair, battery service, automotive painting, clothes cleaning, etc.), the potential for previous in-ground lifts, and the storage/use of petroleum and/or solvents, are considered RECs as subsurface conditions are unknown.
- Regulatory listings, especially the spill incident involving dumping of waste oil into a floor drain, are considered RECs due to the potential for subsurface environmental impacts.
- Review of historical sources revealed the presence of at least two underground storage tanks (USTs) installed at the Site at 1681-1685 Main Street. In addition, the site contact indicated that a UST may be located proximate to Main Street in front of the three-story building. The USTs identified for the Site are considered RECs as sufficient tank closure documentation is unavailable.
- During the site reconnaissance, Benchmark observed a gasoline lamp and an apparent former gasoline pump void proximate to an overhead garage door along E. Balcom Street.
- The black staining noted within the auto repair building and in the parking lot during the Site reconnaissance is considered a REC due to the potential for soil impacts in these areas.
- The round wall penetration and asphalt disturbances along the north exterior wall of the auto repair building are considered a REC as the exact nature of the penetrations are unknown. Similarly, the unknown pipe protruding from the ground in the vegetated area north of the parking lot is considered a REC as the nature is unknown.
- Fill and miscellaneous materials such as vehicles, tires, fuel containers, etc. are considered RECs, and, as such will require proper handling during the redevelopment project.

Due to the RECs identified above, Benchmark recommended the completion of a Phase II Environmental Investigation to assess subsurface soil/fill and groundwater conditions.

March 2021 – Limited Phase II Environmental Investigation

Subsurface investigation activities identified the presence of fill material, including cinders, ash, brick, and concrete across the Site, typically ranging in depth from 0.5 to 4.0 feet below ground surface (fbgs). Fill material was underlain by reworked sandy reddish-brown clay to depths greater than 16 fbgs. Additionally, black stained soils with elevated photoionization detector (PID) readings, odors, staining, and/or product were identified at nine soil boring locations at depths ranging from 0.5-17.5 fbgs.

Laboratory analytical results indicated elevated VOCs, PAHs, and metals exceeding Unrestricted Use SCOs (USCOs), Restricted Residential Use SCOs (RRSCOs), Commercial Use SCOs (CSCOs), and/or Industrial Use SCOs (ISCOs) (see Table 1), and elevated VOC results exceeding Groundwater Quality Standards (GWQS) (see Table 2) including:

- Product, black stained soil-fill, elevated PID readings, and odors were detected at up to nine boring locations.

- Suspected fill materials consisting of ash, cinders, and brick were identified at multiple locations across the Site.
- Elevated PAHs exceeding the USCO, RRSCO, CSCO and ISCO were detected in five of the ten soil sample locations.
- Elevated VOCs exceeding the USCO and RRSCO were detected at six soil locations.
- Elevated metals exceeding the USCO were detected at three soil locations.
- Elevated VOCs exceeding the GWQS were detected at TMW-1.

Based on the field evidence and analytical results, the NYS Spill hotline was notified, and Spill No. 2009476 was assigned to the Site.

October 2023 – Phase I Environmental Site Assessment

Roux completed a Phase I ESA for the subject Site. Roux identified the following RECs as the relate to the 1681-1689 Main Street Site:

- The long history of various commercial operations (i.e., automotive repair, battery service, automotive painting, clothes cleaning, etc.) with the use of hazardous/regulated materials, the tank history with suspect vent/fill pipe and presumed former pump unit locations noted during the site visit, the gasoline lamp and an apparent former gasoline pump void, evidence of inactive in-ground lifts in the auto repair building, and an oil/water separator, are considered RECs as subsurface conditions are unknown.
- The black staining noted within Building 1 and in the parking lot during the Site reconnaissance is considered a REC due to the potential for soil impacts in these areas.
- The round wall penetration and asphalt disturbances along the north exterior wall of the auto repair building are considered a REC as the exact nature of the penetrations are unknown. Similarly, the unknown pipe protruding from the ground in the vegetated area north of the parking lot is considered a REC as the nature is unknown.
- Fill and miscellaneous materials such as vehicles, electronic wastes, tires, fuel containers, etc. are considered RECs, and, as such will require remediation and/or proper handling during the redevelopment project.
- Regulatory listings, especially the spill incident involving dumping of waste oil into a floor drain, are considered RECs due to the potential for, and known, subsurface environmental impacts.

October 2023 – Limited Phase II Environmental Investigation

An environmental investigation was completed on the 1707 Main Street Site to further assess previously identified fill materials on-site, and to evaluate potential eligibility for the NYS BCP as part of the adjacent 1681-1689 Main Street Site C915378. A total of seven test pits (TP-1 through TP-7) were excavated across the Site to depths ranging from 5-8 fbgs. Subsurface investigation activities identified the presence of fill material, including concrete, stone, brick, ash, cinders, wood debris, and glass intermingled with sandy brown clay identified to depths ranging from 2-7 fbgs. Additionally, one soil vapor sample identified as SG-1 was collected for analysis of VOCs via TO-15 methodology using laboratory provided pre-cleaned and certified air sampling cannisters equipped with 4-hr regulators. Investigation locations are shown on Figure 3 and laboratory results are summarized on Table 2.

Laboratory analytical results indicated elevated SVOCs, specifically PAHs, and metals exceeding USCOs, RRSCOs, CSCOs, and/or ISCOs:

- Suspected fill materials consisting of ash, cinders, brick, stone, concrete, and glass debris were encountered at all 7 locations across the Site.
- Elevated PAHs exceeding the USCO, RRSCO, CSCO and ISCO were detected in 4 of the 6 soil sample locations.
- Elevated lead levels were detected exceeding their RRSCO in shallow fill from TP-1.

1.3 Purpose and Scope

This RI/IRM/AA Report has been prepared on behalf of 1681-1689 Main Street LLC to describe and present the findings of the RI and IRM activities, and to evaluate the remedial alternative implemented for the Site.

This report contains the following sections:

- Section 2 presents the approach for the RI;
- Section 3 describes the physical characteristics of the Site as they pertain to the investigation findings;
- Section 4 presents the investigation results by media;
- Section 5 describes the IRMs
- Section 6 describes the fate and transport of the constituents of concern (COCs);
- Section 7 presents the qualitative exposure assessment;
- Section 8 evaluates remedial alternatives for the Site;
- Section 9 presents the RI/IRM/AA Report summary and conclusions;
- Section 10 provides a list of references for this report.

2. Remedial Investigation Approach

The Remedial Investigation (RI) scope of work focused on further defining the nature and extent of contamination, identifying if other potential source(s) or types of contamination exist, defining chemical constituent migration pathways, qualitatively assessing human health and ecological exposures (if necessary), and obtaining data of sufficient quantity and quality to perform the remedial alternatives evaluation in accordance with NYSDEC DER-10.

The RI was performed to supplement the previous investigations and to further characterize surface/subsurface soil/fill materials, soil vapor, and groundwater within the Site boundaries. The RI tasks were performed in accordance with the NYSDEC-approved RI/IRM/AA Work Plan dated September 2022. RI activities were completed at the Site from January through July 2024.

Field team personnel collected environmental samples (i.e., surface/subsurface soil/fill, soil vapor, and groundwater) in general accordance with the rationale and protocols described in the Sampling and Analysis Plan (SAP) of the Quality Assurance Project Plan (QAPP, included in the RI/IRM/AA Work Plan) as detailed on Table 3. Representative environmental samples collected during the RI were placed in pre-cleaned laboratory provided sample containers, placed on ice in the field, and transported under chain-of-custody command to a NYSDOH Environmental Laboratory Accreditation Program (ELAP) certified analytical laboratory (Alpha Analytical).

Samples for chemical analysis were analyzed in accordance with United States Environmental Protection Agency (USEPA) SW-846 methodologies to meet the definitive-level data requirements. A Category B deliverable package was provided for each sample delivery group to allow independent third-party data validation and provide defensible data. Analytical results were evaluated by a third-party data validation expert in accordance with provisions described in the QAPP. The investigation activities are described below. Figure 4 presents RI investigation locations, along with the previous investigation locations. Appendix A contains photographs of field activities.

2.1 Building Demolition

The demolition of the former auto repair, 3-story building, and the vacant bakery and night club buildings along E Balcom were demolished to grade between February and March 2024. RI activities within the footprint of the former buildings were completed after demolition and clearance activities were confirmed.

2.2 RI Soil/Fill Investigation

A soil/fill investigation was completed across the Site to supplement the environmental data collected during the previous investigation, to further investigate contamination at the Site, and determine the extent of excavation limits for remedial activities. The soil/fill investigation included collection of surface soil/fill samples, subsurface soil borings and excavation of test pits to collect subsurface soil/fill samples. Figure 4 presents the RI investigation locations.

2.2.1 Surface Soil/Fill Investigation

One surface soil/fill sample, identified as SS-1, was collected from the 1707 Main Street portion of the Site, as the remainder of the site was covered by buildings and associated asphalt and concrete covered areas. The surface soil/fill sample was collected from the upper 2-inches of soil/fill present below the vegetative cover. The location of the surface soil/fill sample is shown on Figure 4.

2.2.2 Subsurface Soil/Fill Investigation

The RI subsurface soil/fill investigation included the advancement of 22 test pits, identified as TP-1 through TP-22 and seven (7) soil borings, identified as MW-1 through MW-7.

It should be noted that additional locations were added to the planned RI, due to the uncovering of additional hydraulic lift and related oil sumps beneath the former night club building, located near the corner of E Balcom and Masten Avenue (see Figure 4).

Soil/fill samples were retrieved from the soil borings and test pits for visual, olfactory, and PID assessment of subsurface conditions. Subsurface soil/fill samples were collected from the soil borings and test pits for laboratory analysis. Soil boring and test pit excavation logs are provided in Appendix B.

2.2.3 Surface and Subsurface Soil/Fill Sample Collection and Analysis

A total of 31 soil/fill samples were collected during the RI. Samples were selected to assess surface and subsurface soil/fill encountered over the top of native clay as well as assess the native material across the Site.

Representative soil/fill samples were analyzed in accordance with the NYSDEC-approved Work Plans, for analyses which included Total Compound List (TCL) VOCs, TCL SVOCs, Target Analyte List (TAL) metals, polychlorinated biphenyls (PCBs), pesticides, herbicides, 1,4-dioxane, and per- and polyfluoroalkyl substances (PFAS) as shown on Table 3. Soil/fill samples collected were placed in pre-cleaned, pre-preserved laboratory provided sample bottles, placed on ice in the field, and transported under chain-of-custody command to NYS ELAP laboratory under chain of custody. Samples were collected and analyzed in accordance with USEPA SW-846 methodology with equivalent NYSDEC Category B deliverables to allow for independent third-party data usability assessment.

2.3 Groundwater Investigation

Roux personnel provided oversight for the installation of seven (7) RI groundwater monitoring wells, identified as MW-1 through MW-7, to investigate on-site groundwater flow direction and quality (see Figure 4 and 5). Details of well installation, well development, and groundwater sampling are provided below. Monitoring well logs are provided in Appendix B.

Additional groundwater wells were installed in accordance with the approved Groundwater Interim Remedial Measures Work Plan (December 2024), including TW-1 through TW-4. Details of the additional wells are described below.

2.3.1 RI Monitoring Well Installation

The RI monitoring wells were installed after completion of soil boring between March 19 and 21, 2024, Trec Environmental, Inc. (Trec) advanced hollow-stem augers (HSA) to the targeted depth for well installation ranging from 20-25 fbgs.

Each well was constructed with two-inch diameter Schedule (SCH) 40 PVC with a minimum five-foot flush joint SCH 40 PVC 0.010-inch machine-slotted well screen. Each boring hole was then filled with a silica sand filter pack (size #0) bentonite chip seal, and the wells were completed with keyed-alike locks, a lockable J-plug, and steel flush mounted road box as detailed in the Department-approved work plan and RI well logs provided in Appendix B. Groundwater construction details are provided on Table 4 and RI groundwater elevations are provided on Table 5. Locations of the monitoring wells are presented on Figure 4 and 5.

Well installation soil-fill spoils generated were added to the material disposed of off-site as part of the IRM.

2.3.2 Monitoring Well Development

The monitoring wells were developed in accordance with Roux and NYSDEC protocols provided in the approved Work Plans. Development of the monitoring wells was completed with dedicated disposable polyethylene bailers via surge and purge methodology.

Field parameters including pH, temperature, turbidity, dissolved oxygen (DO), oxidation-reduction potential (ORP), and specific conductance were measured during development until they became relatively stable. Stability was defined as variation between measurements of approximately 10 percent or less with no overall upward or downward trend in the measurements; or a minimum of three well volumes were removed if the well went dry. Field forms from well development are included in Appendix C.

2.3.3 Groundwater Sample Collection and Analysis

Monitoring wells were sampled using a low flow submersible pump. Field measurements for pH, specific conductance, temperature, turbidity, dissolved oxygen, and water levels, as well as visual and olfactory field observations, were periodically recorded and monitored for stabilization. All collected groundwater samples were placed in pre-cleaned, pre-preserved laboratory provided sample bottles, cooled to 4°C in the field, and transported under chain-of-custody command to a NYSDOH ELAP-certified analytical laboratory.

Groundwater samples were collected and analyzed from MW-1 through MW-7 in accordance with the Department-approved RI/IRM/AA Work Plan on April 1 and April 4, 2024.

Select groundwater samples were collected and analyzed for TCL plus Commissioners Policy-51 (CP-51) list VOCs plus TICs, TCL SVOCs (including 1,4-dioxane) plus TICs, TAL metals, PCBs, pesticides, herbicides, and PFAS in accordance with the approved RI Work Plan and detailed on Table 3. Field forms are provided in Appendix C. All sampling was performed in accordance with USEPA SW-846 methodology with equivalent NYSDEC Category B deliverables to allow for independent third-party data usability assessment.

2.4 Soil Vapor Investigation

Eight (8) soil vapor samples, identified as SV-01 through SV-08, and one (1) outdoor ambient air sample OA-01 were installed during the RI. Locations of the SV samples are shown on Figure 4.

Soil vapor samples were collected using laboratory provided pre-cleaned and certified air sampling cannisters equipped with 4-hr regulators. All air sampling was completed during the same time period and submitted under chain of custody to the laboratory for analysis of VOC via EPA Method TO-15 with equivalent NYSDEC Category B deliverables to allow for independent third-party data usability assessment.

2.5 Field Specific Quality Assurance/Quality Control Sampling

In addition to the surface and subsurface soil/fill, and groundwater samples described above, field-specific quality assurance/quality control (QA/QC) samples were collected and analyzed to ensure the reliability of the generated data as described in the QAPP and to support the required third-party data usability assessment effort. Site-specific QA/QC samples included matrix spikes and matrix spike duplicates (MS/MSD), and blind duplicates (BD).

2.6 Site Mapping

A Site map was developed during the RI field investigation. All sample points and relevant Site features were located on the map. Roux personnel employed a handheld GPS unit to identify the locations of all exterior sample locations relative to state planar grid coordinates. An isopotential map showing the groundwater elevations was prepared based on water level measurements relative to the Site (see Figure 6).

2.7 Decontamination & Investigation-Derived Waste Management

Every attempt was made to utilize dedicated sampling equipment during the RI; however, non-dedicated equipment was required and/or used (e.g., split spoons) and was decontaminated with a non-phosphate detergent (i.e., Alconox®) and potable water mixture, rinsed with distilled water, and air-dried before each use in accordance with Roux's field operating procedure (FOP).

IDW drums generated from RI activities were staged onsite and properly disposed of during IRM activities.

3. Site Physical Characteristics

The physical characteristics of the Site observed during the RI are described in the following sections.

3.1 General Site Features and Site Topography

The Site is a 2.04-acre property located in the City of Buffalo, New York and is surrounded by residences to the north, East Balcom Street to the south, Masten Avenue to the east, and Main Street to the west. The majority of the Site is covered by interconnecting buildings, with the remaining areas covered primarily by asphalt parking lots and concrete. 1707 Main Street parcel is vegetated and elevated approximately 3-4 feet above the surrounding grade with compromised retaining wall. The Site is generally flat lying and is being redeveloped for affordable residential purposes. Precipitation (i.e., rain or melting snow) currently infiltrates the ground surfaces or moves to storm drains in the roadways via overland flow. On site stormwater measures are included in the City of Buffalo approved building plans. Surface and shallow groundwater flow are likely affected by various cycles of development and filling, as well as subgrade utilities located along the perimeter roadways. and foundations.

3.2 Geology and Hydrogeology

3.2.1 Overburden

The Site is located within the Lake Erie-Niagara River major drainage basin, which is typified by little topographic relief that gently slopes westward towards Lake Erie and the Niagara River, except in the immediate vicinity of major drainage ways. According to the United States Department of Agriculture (USDA) Web soil survey, Site soils are characterized as Urban Land (Ud) and Urban land-Odessa complex (Ut). Typical surface covering for urban land include asphalt, concrete, buildings, or other impervious structures, commonly found in an urban environment. The Urban Land–Odessa Complex consists of 60 percent urban land, 25 percent Odessa and similar soils, and 15 percent minor components. The presence of overburden fill material is widespread and common throughout the Site.

The previous investigation identified intermingled soil fill material consisting of cinders, ash, brick, and glass to depths ranging from approximately 0-4 fbgs, overlaying assumed native sandy clay.

The Site was primarily covered in hardscape including building concrete slab and foundations as well as an asphalt parking lot, and elevated fill area of 1707 Main parcel. The geology at the Site was investigated during the RI and is generally described as fill material ranging from an average of approximately 0 to 5 fbgs consisting of varying amounts of stone, cinders, ash, brick, block, concrete, and debris. Fill material was observed in the northwest corner of the Site (1707 Main) at MW-1 from 0-10 fbgs and consisted of former building debris including brick, concrete, stone, ash, and cinders. Fill material was observed overlaying sandy clay ranging from 1-14 fbgs. Beneath the sandy clay layer, a grey to brown sand layer was observed ranging from 5-20 fbgs.

3.2.2 Bedrock

Based on the bedrock geologic map of Erie County, the Site is situated over the Onondaga Formation of the Middle Devonian Series. The Onondaga Formation is comprised of a varying texture from coarse to

very finely crystalline with a dark gray to tan color and chert and fossils within. The unit has an approximate thickness of 110 to 160 feet. Bedrock was not encountered during the RI.

Based on geotechnical drilling activities, completed by others, bedrock was typically encountered on site at depths ranging from approximately 50 to 60 fbgs. Bedrock was described as grey limestone across the site.

3.2.3 Hydrogeology

Based on the findings of the RI, groundwater was typically encountered at depths ranging from approximately 14 to 16 fbgs. The Site hydrogeology is likely influenced by the presence of subgrade utilities offsite along Main Street, East Balcom, and Masten Avenue.

In general, localized groundwater flow was estimated to flow in a slight eastern direction. Figure 6 depicts the estimated overburden groundwater isopotential map based on the water level measurements collected during the RI.

3.2.4 Hydraulic Gradients

Using well installation and water level information collected during the RI, the estimated hydraulic gradient was calculated to range from 0.00064 ft/ft (MW-5 to MW-6) to 0.0021 ft/ft (MW1 to MW-2), with an average estimated hydraulic gradient of 0.0015 ft./ft.

4. Investigation Results by Media

The nature and extent of contamination at the Site was further characterized using soil, groundwater, and soil vapor samples collected and analyzed as part of the RI. The soil, groundwater, and air samples collected during the RI sampling events were submitted for analyses under chain-of-custody to a NYSDOH ELAP-certified laboratory. Analytical services were performed in accordance with SW-846 analytical methods and protocols. Appendix D contains laboratory analytical data packages for samples analyzed from the RI. Tabulated analytical data discussed in this section includes data collected by Roux personnel. Tabulated analytical results are shown only for those parameters for which a value greater than the laboratory method detection limit was detected at a minimum of one sample location. Figure 4 shows the RI sampling locations. Table 3 summarizes the sampling and analytical program employed under RI.

4.1 Standards, Criteria, and Guidance

Soil/Fill

Soil Cleanup Objectives (SCOs) per 6 New York Code Rules and Regulation (6 NYCRR) Part 375 Environmental Remediation Programs, Subparts 375-12 to 375-4 & 375-6, effective December 14, 2006, and revised December 2025.

Guidance values for PFOA and PFOS in soil per Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS), Under NYSDEC's Part 375 Remedial Programs, revised April 2023.

New York State Department of Environmental Conservation. DER-10; Technical Guidance for Site Investigation and Remediation. May 2010.

Groundwater

Class GA Groundwater Quality Standards and Guidance Values (GWQS/GVs) per NYSDEC's Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1), June 1998, amended April 2000, June 2004, February 2023.

Soil Vapor

NYSDOH Decision Matrices – The Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, and subsequent updates.

4.2 Previous Investigation Results

Previous investigations completed in March 2021 and October 2023, as described above, are relevant for characterizing and evaluating remedial alternatives. Previous investigation locations are shown on Figure 3 and laboratory results are summarized on Tables 1 and 2.

Elevated PID readings and odors were noted in nine (9) boring locations, including SB-2, SB-4, SB-6, SB-8, SB-22, SB-23, SB-24, SB-25, SB-26, with highest reading of 500 ppm at SB-25, and product noted at SB-25. Elevated VOCs were detected exceeding USCOs at six locations and exceeding RRSCOs were detected at two (2) soil locations. Specifically, 1,2,4-trimethylbenzene was detected at six locations with highest reading of 180 mg/kg at SB-6, 1,2-dichlorobenzene was detected at three locations with highest

reading of 50 mg/kg at SB-6, benzene was detected at three locations with highest reading of 0.58 mg/kg at SB-25, ethylbenzene was detected at three locations with highest reading of 3.9 mg/kg at SB-25, toluene was detected at two locations with highest reading of 1.3 mg/kg at SB-6, and total xylene was detected at six locations with highest reading of 74 mg/kg at SB-6.

Elevated PAHs exceeding the USCO, RRSCO, CSCO and ISCO were detected including benzo(a)anthracene at seven locations with the highest value of 20 mg/kg at TP-7, benzo(a)pyrene at seven locations, with highest reading of 21 mg/kg at TP-7, benzo(b)fluoranthene at eight locations with highest readings of 24 mg/kg at TP-7, benzo(k)fluoranthene at seven locations with highest reading of 8.8 mg/kg at TP-7, chrysene at seven locations with highest readings of 18 mg/kg at TP-7, dibenzo(a,h)anthracene at seven locations with highest readings of 1.8 mg/kg at TP-7, indeno(1,2,3-cd)pyrene at seven locations, with highest readings of 18 mg/kg at TP-7, and naphthalene at one location with reading of 53 mg/kg at SB-25.

Elevated metals exceeding the USCO and RRSCOs were detected at five locations including arsenic exceeding its USCO at two locations with highest reading of 15.1 mg/kg at TP-4, chromium exceeding its USCO with reading of 41.6 mg/kg at SB-26, lead exceeding its USCO at eight locations, and RRSCO at one location with highest reading of 497 mg/kg at TP-1, and mercury exceeding its USCO at six locations with highest reading of 0.629 mg/kg at TP-1.

One groundwater sample was collected during the previous investigation, in the vicinity of the former pump island along E Balcom Street (Tank 1 area) with elevated VOCs above GWQS for 1,2,4-trimethylbenzne, 1,3,5-trimethylbenzene, BTEX compounds, isopropylbenzene and n-propylbenzene.

4.3 RI Surface Soil/Fill Investigation Results

One surface soil/fill sample was collected during the RI. The surface soil/fill sample (SS-1) was collected from the upper 2-inches of soil/fill present below the vegetative cover on the 1707 Main Street portion of the Site, as the remainder of the Site is covered by hardscape (buildings, asphalt and concrete). RI surface soil/fill sample results are included on Table 6 (SS-1/TP-20) with comparison to applicable Part 375 SCOs and guidance values. The sample location is shown on Figure 4. The laboratory analytical data package for the groundwater samples is included in Appendix D.

4.3.1 Qualitative Soil Screening

Intermingled soil and fill material, including cinders, ash, and brick were identified at the surface of 1707 Main Street and the SS-1 location. No visual, olfactory, or elevated PID readings were noted at the SS location.

4.3.2 Semi-Volatile Organic Compounds

Elevated SVOCs, primarily PAHs, were identified in SS-1 exceeding the USCOs. Specifically, benzo(a)anthracene was detected above its respective USCO of 1 mg/kg (14 mg/kg); benzo(a)pyrene was detected above its respective USCO of 1 mg/kg (12 mg/kg); benzo(b)fluoranthene was detected above its respective USCO 1 mg/kg at (15 mg/kg); benzo(k)fluoranthene was detected above its respective USCO 0.8 mg/kg (4.2 mg/kg); chrysene was detected above its respective USCO of 1 mg/kg (13 mg/kg); dibenzo(a,h)anthracene was detected above its respective USCO of 0.33 mg/kg (0.1.6 mg/kg); and indeno(1,2,3-cd)pyrene was detected above its respective USCO of 0.5 mg/kg (7.9 mg/kg)

1,4-dioxane was reported as non-detect in SS-1.

4.3.2.1 SVOC TICs

TICs were identified in the SS-1 surface soil/fill sample location with results reported as estimated (47.3 mg/kg).

4.3.3 Metals

Elevated metals were identified in SS-1 above USCOs. Specifically, arsenic was detected above its respective USCO of 13 mg/kg (15.6 mg/kg); copper was detected above its respective USCO of 50 mg/kg (78.4 mg/kg); lead was detected above its respective USCO of 63 mg/kg and Residential Use SCO (RSCO) of 400 mg/kg (420 mg/kg); zinc was detected above its respective USCO of 109 mg/kg (543 mg/kg) and mercury was detected above its respective USCO of 0.18 mg/kg (0.312 mg/kg).

4.3.4 Polychlorinated Biphenyls

No elevated concentrations of PCBs exceeding USCOs were detected.

4.3.5 Pesticides and Herbicides

No elevated concentrations exceeding USCOs were detected.

4.3.6 Per- and Polyfluoroalkyl Substances (PFAS)

Elevated PFAS were identified in SS-1 above USCOs. Specifically, perfluorooctanesulfonic acid (PFOS) was detected above its USCO of 0.88 ng/g (1.26 ng/g).

4.3.7 Surface Soil/Fill Summary

No elevated concentrations of PCBs, pesticides, herbicides, and 1,4-dioxane were detected exceeding the USCOs in the surface soil sample.

Elevated concentrations exceeding USCOs were detected for PAHs, metals, and PFAS at the SS-1 location.

4.4 RI Subsurface Soil/Fill Investigation Results

Twenty-nine subsurface soil/fill locations were advanced across the Site during the RI, including TP-1 through TP-22 and MW-1 through MW-7. Representative samples were collected across multiple depths to characterize on-site subsurface conditions. Table 6 summarizes the RI subsurface soil/fill sample results and locations are shown on Figure 4 with SCO exceedances. The laboratory analytical data package for soil/fill samples is included in Appendix D.

The previous investigation's subsurface sample results are also summarized on Tables 1 and 2 with the sample locations shown on Figure 3.

4.4.1 Qualitative Soil Screening

Shallow fill material was identified across the Site, generally consisting of varying amounts of ash, cinders, wood, brick, concrete, intermingled with sandy clay to depths ranging from surface to 4-5 fbgs on average. Fill in the vicinity of MW-1 had reworked fill material to approximately 10 fbgs consisting of mainly former building debris. Fill material was generally underlain by brown sandy clay to depths ranging 1-14 fbgs overlaying a grey to brown sand layer from 5-20 fbgs.

Elevated PID readings above background (i.e., 0 parts per million (ppm) were noted at TP-11 (0-3 fbgs) during the RI in addition to the previous investigation results described above.

4.4.2 Volatile Organic Compounds

No elevated concentrations exceeding the USCOs were detected. The vast majority of VOC results were reported as non-detect or below the USCOs. Only acetone, a common laboratory contaminant, was detected slightly above its USCO of 0.03 mg/kg at TP-22 (0.056 mg/kg). It should be noted that areas of petroleum impacts were identified in association with the discovered USTs, hydraulic lifts and oil sumps, as detailed below.

4.4.2.1 VOC TICs

Low-level TICs were identified at each subsurface soil/fill sample location with results reported as estimated. The highest summary value of 0.908 mg/kg estimated was detected at TP-11 (1-2 fbgs).

4.4.3 Semi-Volatile Organic Compounds

Elevated SVOCs, primarily PAHs, were detected exceeding the USCOs at six locations, including TP-4, TP-7, TP-8, TP-14, TP-17 and TP-20.

Specifically, benzo(a)anthracene was detected above its respective USCO of 1 mg/kg in TP-4 (27 mg/kg), TP-7 (11 mg/kg), TP-14 (3.3 mg/kg), TP-17 (24 mg/kg), and TP-20 (71 mg/kg); benzo(a)pyrene was detected above its respective USCO of 1 mg/kg in TP-4 (27 mg/kg), TP-7 (9.4 mg/kg), TP-14 (3.2 mg/kg), TP-17 (20 mg/kg), and TP-20 (69 mg/kg); benzo(b)fluoranthene was detected above its respective USCO of 1 mg/kg in TP-4 (37 mg/kg), TP-7 (12 mg/kg), TP-14 (3.9 mg/kg), and TP-17 (27 mg/kg); benzo(k)fluoranthene was detected above its respective USCO of 0.8 mg/kg in TP-4 (10 mg/kg), TP-7 (3.7 mg/kg) TP-14 (1.4 mg/kg), TP-17 (4.1 mg/kg) and TP-20 (21 mg/kg); chrysene was detected above its respective USCO of 1 mg/Kg in TP-4 (27 mg/kg), TP-7 (8.9 mg/kg), TP-14 (3 mg/kg), TP-17 (22 mg/kg), and TP-20 (67 mg/kg); dibenzo(a,h)anthracene was detected above its respective USCO of 0.33 mg/kg in TP-4 (2.3 mg/kg), TP-7 (1.3 mg/kg), TP-8 (0.78 mg/kg), TP-14 (0.45 mg/kg), TP-17 (1.9 mg/kg) and TP-20 (10 mg/kg); dibenzofuran was detected above its respective USCO of 2.1 mg/kg in TP-4 (2.4 mg/kg), TP-7 (2.3 mg/kg), TP-17 (2.5 mg/kg) and TP-20 (12 mg/kg); fluoranthene was detected above its respective USCO of 85 mg/kg in TP-20 (200 mg/kg); indeno(1,2,3-cd)pyrene was detected above its respective USCO of 0.5 mg/Kg in TP-4 (10 mg/Kg), TP-7 (5.1 mg/Kg), TP-8 (2.2 mg/kg), TP-14 (1.9 mg/kg), TP-17 (12 mg/kg) and TP-20 (46 mg/kg); naphthalene was detected above its respective USCO of 12 mg/kg in TP-20 (24 mg/kg); phenanthrene was detected above its respective USCO of 1.1 mg/kg in TP-4 (44 mg/kg),

TP-7 (22 mg/kg), TP-14 (5.5 mg/kg), TP-16 (1.8 mg/kg), TP-17 (41 mg/kg), TP-20 (23 mg/kg), and TP-20 (160 mg/kg); and pyrene was detected above its respective USCO of 64 mg/kg in TP-20 (160 mg/kg).

Total PAHs were detected exceeding 500 ppm for subsurface soil/fill in TP-20 (1,085.5 ppm), and above 100 ppm at TP-4 (323.4 mg/kg), TP-7 (145.1 mg/kg), TP-17 (269.2 mg/kg) and TP-20/SS-1 (167.4 mg/kg).

4.4.3.1 SVOC TICs

TICs were identified at 12 of the 29 subsurface soil/fill sample locations with results reported as estimated. The highest summary value of 206 mg/kg estimated was detected in TP-20.

4.4.4 Metals

Elevated metals were detected exceeding the USCOs at six locations, including TP-2, TP-4, TP-11, TP-17, TP-18 and TP-20. Specifically, copper was detected above its respective USCO of 50 mg/kg in TP-20 (50.8 mg/kg); lead was detected above its respective USCO of 63 mg/kg in TP-2 (161 mg/kg), TP-4 (391 mg/kg), TP-11 (69.1 mg/kg), TP-17 (1840 mg/kg), TP-18 (121 mg/kg), and TP-20 (171 mg/kg); zinc was detected above its respective USCO of 109 mg/kg in TP-2 (172 mg/kg), TP-4 (339 mg/kg), TP-11 (210 mg/kg), TP-17 (469 mg/kg), and TP-20 (235 mg/kg) and mercury was detected above its respective USCO of 0.18 mg/kg in TP-4 (1.22 mg/kg) and TP-17 (0.762 mg/kg).

4.4.5 Polychlorinated Biphenyls

No elevated concentrations were detected exceeding USCOs.

4.4.6 Pesticides and Herbicides

No elevated concentrations were detected exceeding USCOs.

4.4.7 Per- and Polyfluoroalkyl Substances

Elevated PFAS were detected exceeding the USCOs at two locations including TP-20 and MW-1.

Specifically, PFOS was detected above its respective USCO of 0.88 ng/g in TP-20 (1.51 ng/g) and MW-1 (6.93 ng/g).

4.4.8 Subsurface Soil/Fill Summary

Elevated VOCs, SVOCs, and metals, and field evidence of impacts including elevated PID readings were identified during the previous investigation. During the RI, elevated PAHs and metals were identified across the Site.

No elevated concentrations of PCBs, pesticides, herbicides, and 1,4-dioxane were detected exceeding the USCOs in the RI subsurface soil samples.

PFOS was detected above its respective USCO in two locations and elevated PAHs exceeding USCOs were detected at several locations with total PAHs exceeding 500 ppm at one location.

4.5 Groundwater Investigation Results

Seven (7) groundwater monitoring wells, identified as MW-1 through MW-7, were installed during the RI to further investigate on-site groundwater quality and flow direction in accordance with the Department-approved Work Plans (see Figure 5). The monitoring wells were sampled in April 2024.

Based on the initial RI groundwater sample results, an additional round (2nd round) of samples was collected in May and July 2024 to assist in development of the Groundwater IRM Work Plan (December 2024). Details of the Groundwater IRM are provided below.

Table 7 present a comparison of the groundwater parameters detected to applicable GWQS. Groundwater samples were collected in general accordance with the Department-approved Work Plan and analyzed in accordance with Table 3.

4.5.1 Volatile Organic Compounds

Previous investigation groundwater analytical results indicated elevated VOCs, including BTEX compounds, and cis- and trans-trimethylbenzene above their GWQS (see Table 2).

RI Analytical results from April 2024 reported elevated VOCs detected exceeding GWQS in MW-4, MW-5, and MW-6. Acetone, a common laboratory contaminant, was detected above its GWQS of 50 ug/L in MW-3 (54 ug/L) during the April sampling round, but all results were below GWQS during the subsequent sampling event. Benzene was detected slightly above its GWQS of 1 ug/L at MW-4 (1.6 ug/L) during the April 2024 sampling round but was below standards during the 2nd round. Elevated cis-1,2-dichloroethene (cis-DCE) was detected above its GWQS of 5 ug/L at MW-4 (11 ug/L) during the 1st round, but below standards during the 2nd round, and at MW-6 during both sampling events (1,300 ug/L and 1,600 ug/L, respectively). Trans-DCE was detected above its GQWS of 5 ug/L at MW-6 during both sampling events (49 ug/L (estimated) and 53 ug/L); trichloroethene was detected above its GWQS of 5 ug/L at MW-5 and MW-6 during both sampling events, with low-level exceedances at MW-5 (7.2 ug/l and 9.1 ug/L) and elevated detection at MW-6 (3,300 ug/L and 3,000 ug/L); elevated vinyl chloride (VC) was detected above its GWQS of 2 ug/L during both sampling events at MW-6 (79 ug/L and 94 ug/L) and, 1,1-DCE was detected above its GWQS of 5 ug/L only during the 2nd sampling event at MW-6 (10 ug/L).

4.5.1.1 VOC TICs

Results from the April 2024 sampling event, low-level TICs (estimated) were identified in MW-3, MW-5, and MW-7 with summary values of 1.85 ug/L, 4.89 ug/L, and 1.23 ug/L respectively.

Results from the May/July 2024 sampling event, low-level TICs (estimated) were identified in MW-2, MW-5, and MW-7 with summary values of 1.01 ug/L, 15.1 ug/L, and 1.50 ug/L respectively.

4.5.2 Semi-volatile Organic Compounds

All SVOCs results were reported as non-detect (ND) or estimated (J-flag) by the laboratory. Certain PAHs were detected above their respective GWQS.

Specifically, benzo(a)anthracene was detected above its GWQS of 0.002 ug/L at MW-3 (0.02 ug/L - estimated), and MW-5 (0.04 ug/L - estimated) during the 1st round; benzo(a)pyrene was detected above

its GWQS of non-detect (ND) at MW-5 (0.03 ug/L); benzo(b)fluoranthene was detected above its respective GWQS of 0.002 ug/L at MW-5 (0.05 ug/L); benzo(k)fluoranthene was detected above its respective GWQS of 0.002 ug/L at MW-5 (0.02 ug/L); chrysene was detected above its respective GWQS of 0.002 ug/L at MW-5 (0.03 ug/L); and indeno(1,2,3,-cd)pyrene was detected above its respective GWQS of 0.002 ug/L at MW-5 (0.02 ug/L).

Only benzo(b)fluoranthene and phenol were detected slightly above their GWQS during the 2nd round of sampling at MW-4.

It is likely that the estimated detections are related to suspended solids as evidenced by the difference in turbidity and associated laboratory results from the two sampling events.

4.5.2.1 SVOC TICs

TICs were identified at all monitoring wells and reported as estimated. The highest summary value of 140 ug/L estimated was detected at MW-6 in July 2024.

4.5.3 Metals

Only natural occurring minerals, including iron, magnesium and sodium were detected above their GQWS. Specifically, iron was detected above its GWQS of 300 ug/L during the 1st round at MW-5 and MW-6, with no elevated detections during the 2nd round. Elevated magnesium and sodium (hardness) were detected during both sampling events.

4.5.4 Polychlorinated Biphenyls

No elevated detections of PCBs, with all results reported as ND by the laboratory.

4.5.5 Pesticides

No elevated pesticide concentrations exceeding GWQS were detected.

4.5.6 Herbicides

No herbicides were detected in the groundwater samples.

4.5.7 Per- and Polyfluoroalkyl Substances

No elevated PFAS concentrations exceeding GWQS were detected.

4.5.8 Groundwater Summary

No elevated pesticides, herbicides, PCBs, PFAS, or 1,4-dioxane were detected above GWQS.

Elevated VOC concentrations exceeding GWQS were detected, with highest readings at MW-6. Additional sampling and remedial measures are detailed in the Groundwater IRM, as described below.

Certain PAHs were detected exceeding their GWQS, however, detections are likely related to sample turbidity.

Only certain naturally occurring minerals, iron, magnesium and sodium were detected exceeding their GWQS.

4.6 Soil Vapor Investigation Results

A total of eight (8) soil vapor air samples, SV-1 through SV-8 and one (1) ambient outdoor air sample (OA-1) were installed during the RI to assess potential for soil vapor intrusion (SVI). The planned SV-9 location was not collected due to a faulty sample cannister-as provided by the laboratory with positive pressure at the time of the sampling event, as all other cannisters were provided with negative pressures. The laboratory was contacted and was unable to provide a replacement cannister and regulator in time to complete the sampling concurrently. Limited volume was collected in SV-01 and SV-05 due to issue with the laboratory provided regulators not allowing sufficient volume of air into the cannisters for analysis, and therefore the samples were not analyzed by the laboratory.

A summary of the air results is provided on Table 8. As NYS does not have promulgated standards for soil vapor results, direct comparison to the NYSDOH Indoor Air matrices A-F is not possible. However, comparison of the soil vapor air results to the Matrices associated subslab value of the comparison criteria can be used as an evaluation tool.

All soil vapor results were below the lowest level “No Further Action” subslab vapor matrices concentration for each detected constituent, with the exception of 1,1-dichloroethene and heptane (both J-flagged laboratory estimated concentrations) at SV-02. It should be noted that adjacent RI soil and groundwater samples did not have elevated concentration of either constituent, and detections likely related to the former automobile parking-storage for the automobile repair operations which previously occupied this portion of the Site and was subsequently removed during IRM excavations that achieved the USCOs.

4.7 RI Data Usability Summary

In accordance with the RI/AA Work Plan, the laboratory analytical data from this investigation was assessed and as required, submitted for independent review. Data Validation Services located in North Creek, New York performed the data usability summary assessment, which involved a review of the summary form information and sample raw data, and a limited review of associated QC raw data. Specifically, the following items were reviewed:

- Data Completeness
- Case Narrative
- Custody Documentation
- Holding Times
- Surrogate/Isotopic Dilution/Internal Standard Recoveries
- Method/Preparation/Canister Blanks
- Matrix Spike Recoveries/Duplicate Correlations
- Blind Field Duplicate Correlation
- Laboratory Control Samples
- Instrumental Tunes
- Initial and Continuing Calibration Standards

- Serial Dilution Evaluation
- Method Compliance
- Sample Result Verification

The Data Usability Summary Report (DUSR) was conducted using guidance from the USEPA Region 2 validation Standard Operating Procedures, the USEPA National Functional Guidelines for Data Review, as well as professional judgment.

Additional qualifications of the data have been incorporated to the summary data tables. A copy of the DUSR is included in Appendix F.

4.8 Constituents of Concern (COCs)

Based on the findings of the previous investigation and RI and the planned unrestricted use redevelopment of the Site, the Constituents of Concern (COC) are:

Soil/Fill: Petroleum VOCs, PAHs and metals

Groundwater: VOCs

5. Interim Remedial Measures

Interim Remedial Measures were completed in accordance with the Department approved Remedial Investigation Interim Remedial Measures Work Plan (September 2022) and the Addendum to the RI-IRM Work Plan (November 2023). The goal of the IRM activities was to expeditiously address the previously identified petroleum impacted areas associated with historic underground storage tanks (USTs), inground hydraulic lifts, and oil-water separators, including those discovered during the RI, and impacted fill material exceeding the 6NYCRR Part 375 Unrestricted Use SCOs. Figure 7 identifies IRM areas for reference, as detailed below.

In addition, a Groundwater IRM Work Plan (December 2024) was prepared based on the results of the RI, and the associated source area removals of the UST IRMs. Details of the IRMs are provided below.

Details of the completed IRM are presented below and will be documented in the Final Engineering Report (FER).

5.1 Demolition and Preparatory Activities

Prior to on Site activities, a fence was installed around the perimeter of the Site. Utilities were disconnected from the existing buildings, and utility mark out (DIgSafe) was contacted.

Demolition of the existing buildings was completed, by others, between January and March 2024.

5.2 Concrete Recycling

After demolition of the former buildings to grade, the concrete building slabs and foundations were removed in preparation for RI and IRM activities. Prior to removal, the concrete was inspected for staining or signs of potential release. Any area of stained concrete was segregated and disposed of with the impacted soil fill at Republic Landfill Niagara Falls NY.

Non-stained concrete was removed and transported offsite for recycling at registered C&D recycling facilities including Iron City (15CP0057) located in Lackawanna NY, and Serafini Construction (15C90110) located in Cheektowaga NY. Copies of the recycling tickets will be provided in the FER.

5.3 Northern Boundary Utility Area

The existing power lines, poles, and transformers transected the site and connected to the existing buildings, as well as provided power to the surrounding offsite properties. Based on correspondence with the electrical utility provider for the Site (National Grid), in order for the electrical utility to remove the existing power lines on Site, and maintain power to the surrounding properties, the planned new power poles and service lines would need to be installed prior to the removals; and, therefore allow demolition of the existing on Site buildings to be completed.

Therefore, in consultation with the Department, it was determined that an IRM to address the impacted soil fill along the northern property and create a clean utility corridor to allow for installation of the new power poles and electrical service. As utility workers would be potentially in contact with underlying fill materials and the placement of new power poles would limit future remedial options, it was determined with the Department that the clean corridor would achieve Unrestricted Use SCOs (USCOs).

Approximately 2,335 tons of non-hazardous soil/fill was excavated along the northern property boundary to allow for National Grid crews to install the new power poles and electrical service. Non-hazardous soil fill was excavated and loaded for offsite transportation and disposal at Republic Services Niagara Falls landfill. Copies of the disposal documents will be provided in the Final Engineering Report (FER).

A total of thirteen (13) post-excavation confirmatory samples were collected from the utility corridor, including six (6) bottom samples and seven (7) sidewall samples along the northern and eastern property boundary. It should be noted that the initial post-excavation results for nickel at B-6 were above its USCO, so the B-6 grid was recut an additional 1-ft, material was disposed offsite, and B-6 was resampled. All on-site post-excavation bottom samples achieved USCOs. Laboratory results are summarized on Table 9 and sample locations are shown on Figure 8.

After completion of the excavation, National Grid installed the new poles and electrical service, and the area was backfilled with DEC-approved imported stone. Copies of the import request and stone logs are provided in the FER. After installation of the new electrical service, National Grid removed the existing power lines, transformers, and the existing utility poles to grade.

5.3 Former Night Club Area- Hydraulic Lift

After demolition of the former nightclub building located along E. Balcom Street and corner of Masten Avenue, a hydraulic lift (dual cylinders) and oil-separator sumps within the former garage bays were discovered beneath the floor of the former building (see Appendix A Photolog). The Department was notified of the identified lift and sumps.

Additional test pits completed and identified nuisance petroleum impacts including grey-black staining, odors, and elevated PID readings associated with the lift and oil sumps.

The hydraulic lift cylinders were removed, placed on plastic sheeting and cleaned by Environmental Services Group (ESG). The oil sumps and interconnecting piping was vacuumed out of residual product-water and cleaned by ESG. ESG transported the associated liquid product and cleaning rinsate for disposal at American Recyclers located in Niagara Falls New York. Disposal documents provided in the FER.

After removal of the lift and oil sumps, approximately 735 tons of petroleum impacted soil were removed from the Hydraulic Lift 1 & 2 and oil sump area and transported to Republic Landfill located in Niagara Fall New York. The excavation extents for the lift was completed to 12-13 fbgs and extended east to the Masten Avenue property boundary. The interconnected excavation trench to remove the oil sumps and piping was approximately 5 feet wide and ranged in depth from 4 to 6 feet (see Figure 9).

Post-excavation samples were collected from the lift area, including eight (8) sidewall samples and one (1) bottom sample; and, three (3) bottom samples from the oil sump trench. All post-excavation soil samples results were below USCOs (see Table 10). After completion of petroleum excavation activities, impacted fill material identified beneath the former building was excavated. Post-excavation samples are summarized on Table 11. All post-excavation samples results were below USCOs.

After completion of the IRM excavation activities, the area was backfilled with DEC-approved import stone, to allow for installation of the municipally approved temporary construction entrance located at the corner of E Balcom Street and Masten Avenue.

5.4 UST Removal Activities

A total of four (4) USTs were uncovered and remediated as IRMs in accordance with the approved Work Plans. A NYSDEC Petroleum Bulk Storage form has been prepared to register the removed USTs as closed-removed and provide information for the NYSDEC PBS database. A copy of the PBS Closure form is included in Appendix G. IRM excavation areas are shown on Figure 7. Details of the individual tank IRMs are provided below.

5.4.1 Tank 1

Previous investigation identified suspect fuel system related components, including a former pump base with piping, gas-powered light, and petroleum nuisance odors and elevated PID readings along E. Balcom (see Figure 10). During RI activities additional petroleum impacts and a 2,000 gallon UST, identified as Tank 1, was uncovered partially beneath the former E. Balcom loading dock.

Inspection the tank identified that the tank was partially filled with a sandy fill material and product-water with dark grey to black staining was noted adjacent to the UST.

ESG vacuumed out the liquid, and the internal tank fill material was removed prior to removing the tank from the subsurface. The tank was placed on plastic sheeting, and ESG cleaned the tank and tank liquids and cleaning rinsate was transported by ESG to American Recyclers for disposal.

Approximately 1,667 tons of petroleum impacted soil/fill was removed from the Tank 1 excavation area and disposed at Republic Services Niagara Fall landfill in Niagara Falls New York. The excavation was completed to the E. Balcom property boundary and ranged in depth of 16-18 feet deep. Excavation extents and post-excavation sample locations are shown on Figure 10.

A total of twelve (12) post-excavation confirmatory soil samples were collected, including eight (8) sidewall samples and four (4) bottom samples of the Tank 1 excavation area. The post excavation samples were analyzed for TCL + CP-51 VOCs, TCL SVOCs and metals with sample results summarized on Table 12. All post excavation sample results were below their respective USCOs. The excavation was then backfilled with approved stone.

5.4.2 Tank 2

After demolition of the former commercial building along E. Balcom and Main Street, a 6,000 gallon UST, identified as Tank 2, was uncovered beneath the former concrete slab loading dock area (see Figure 11). It should be noted that this area of the building was covered by a wood floor structure prior to demolition. Black stained soils with petroleum odors and elevated PID readings ranging from 50-100 ppm were recorded. ESG mobilized to the site and vacuumed out and cleaned the tank, and the tank contents and cleaning rinsate was transported by ESG to American Recyclers located in Niagara Falls New York for disposal.

Approximately 1,532 tons of petroleum impacted soil/fill were removed from the Tank 2 excavation area. Extents of the excavation are shown on Figure 1.

The excavation was completed to the E. Balcom property boundary and ranged in depth of 8 to 12 fbgs. Excavation extents and post-excavation sample locations are shown on Figure 11. The excavated soil/fill from the Tank 2 area was taken to Republic Landfill for non-hazardous disposal.

A total of eleven (11) post-excavation confirmatory samples, including eight (8) post excavation sidewall samples and three (3) post excavation bottom samples were collected and analyzed for TCL + CP-51 VOCs, TCL SVOCs and metals with sample results summarized on Table 13. All post excavation sample results were below their respective USCOs. The excavation was then backfilled with approved stone.

5.4.3 Tank 3

After demolition of the high rise building along Main Street, a historic tank, identified as Tank 3, was uncovered (see Figure 12). The 550-gallon tank was located in a concrete vault connected with the building foundation (see photolog).

Tank 3 was noted to be empty and was removed, placed on plastic sheeting, and cleaned by ESG. All cleaning rinsate was transported by ESG for disposal at American Recyclers, located in Niagara Falls New York

The surrounding concrete vault was inspected, and no staining was noted. The concrete was removed with the building foundation. Soil fill was inspected after removal of concrete vault, and no evidence of impacts were identified.

One (1) post excavation sample was collected from the sidewall along the Main Street property boundary, and two (2) post excavation bottom samples were collected from UST-vault footprint. The post excavation samples were analyzed for TCL + CP-51 VOCs, TCL SVOCs and metals and sample results are summarized on Table 14. All post excavation sample results were below their respective USCOs. The excavation was then backfilled with approved stone.

5.4.3 Tank 4

An approximate 550-gallon UST was uncovered on May 14, 2024, along the southern foundation of the former building beneath the asphalt parking lot southeast of the former auto area in the central portion of the Site (see Figure 13). The UST contained petroleum product and stained petroleum impacted soil/fill was noted near the UST with PID readings of 150-200 ppm.

Laboratory sample results of the tank contents indicated that the product was characteristically hazardous for PCBs (329 ppm), halogens, flashpoint and metals, and would require proper handling and disposal in accordance with the Toxic Substance Control Act (TSCA) and Resource Conservation and Recovery Act (RCRA) hazardous waste regulations.

A Self-Implementing Work Plan was prepared and submitted to the US Environmental Protection Agency (USEPA) in accordance with 40CFR Part 761.61 regulations. In consultation with the agency, it was determined that the hazardous materials could be handled in accordance with Part 761.61(b)(2) for removal and disposal of hazardous wastes.

A total of five (5) totes, approximately 1,100 gallons (5,610 kg) of TSCA and RCRA hazardous liquid oil product, cleaning rinsate and accumulated waters that came in contact with Tank 4 contents were

vacuumed out and containerized by ESG. All liquid waste was transported to Veolia ES Technical Solutions, LLC (NJD080631369) for trans-shipment to Veolia Port Arthur Texas facility (TXR000838896).

After vacuuming out and cleaning the tank, wipe samples from the interior and exterior of the tank were collected for PCBs. Wipe sample results from the interior of the tank were below the 10 ug/100cm2, however, the exterior surface exceeded. The exterior of the tank was recleaned by ESG, and cleaning liquids were included with the totes. After recleaning the exterior, a wipe sample was collected, and sample results were below the limits. The cleaned tank was recycled offsite as scrap.

A total of 107.31 tons of TSCA and RCRA hazardous soil fill was loaded and transported to Republic Services, Wayne Disposal Inc. Belleville MI facility (MID048090633).

After removal of the hazardous soil fill impacted by the contents of Tank 4, Part 761.61 confirmatory samples were collected in accordance with Subpart O. All sample results were below the Part 761.61 cleanup criteria of 1 ppm PCBs. In addition, two (2) soil samples from the remaining in-place sidewalls were collected for TCLP VOCs, TCLP SVOCs, TCLP Metals and total PCBs to confirm that the remaining fill material was non-hazardous. A TSCA Summary Closure Report was prepared and submitted to the USEPA per Part 761 requirements and provided to the Department.

After completion of the TSCA-RCRA excavation activities, soils exceeding the BCP USCOs were still present. Approximately 1,268 tons of impacted soil-fill exceeding the USCOs was excavated and transported to Republic Services Niagara Falls NY landfill for disposal.

After completion of the BCP IRM excavation, ten (10) post-excavation confirmatory samples were collected including seven (7) bottom samples and three (3) interior southern wall samples on the sidewall transitioning from the deeper 12-14 fbgs excavation to the 5-6 fbgs excavation (see Figure 13). All post-excavation samples were below USCOs (see Table 15).

After completion of the excavation, the Tank 4 area was backfilled with DEC-approved stone.

5.5 Former Automotive Repair Area

Six (6) inground hydraulic lifts (with dual cylinders) were removed from the former auto repair area of the Site. Hydraulic lifts were removed from the subsurface, temporarily staged on plastic, and cleaned by ESG. Hydraulic lift cleaning residuals were bulk transported offsite and disposed with the UST cleaning residuals, as noted above.

Approximately 3,052 tons of PAH and metal impacted soil/fill and 4,925 tons of petroleum impacted soil/fill were removed from the former auto repair area in May-June 2024. All removed soil/fill was disposed at Republic Landfill Niagara Falls NY.

A total of 27 post-excavation samples were collected including eight (8) sidewall samples and nineteen (19) bottom samples from the former auto repair area. Post excavation samples were analyzed for TCL + CP-51 VOCs, TCL SVOCs, metals and PCBs. All post excavation sample results were reported below their respective USCOs (see Table 16 and Figure 14). The excavation was then backfilled with approved stone.

5.6 Former 1707 Main Street Area

A portion of the 1707 Main Street Area was removed with the Utility Corridor IRM activities described above. The remaining impacted soil fill, including those areas noted to be elevated above the grade of the surrounding site was removed.

During IRM excavation activities, the former buildings basement and foundations were uncovered with significant building debris, including brick and wood intermingled with impacted fill and debris. Former building foundations and intermingled fill was excavated and disposed at Republic Landfill located in Niagara Falls NY. The excavation was completed to the Main Street and northern property boundaries.

A total of nine (9) post-excavations samples were collected, including five (5) sidewalls and four (4) bottom samples, and were analyzed for SVOCs, metals, PFAS (see Table 18 and Figure 8). All post excavation sample results were below their respective USCOs. The excavation was then backfilled with approved stone.

5.7 Former Three-Story Building Area

The former building located at the corner of E. Balcom Street and Main Street was identified as the Three-Story Building (TSB) for reference. After demolition, a portion of the TSB Area included a crawl space basement approximately 4 feet below the 1st floor level. Fill material identified beneath the former building, was excavated to depth ranging from 3-5 fbgs for the slab-on-grade portion, and 7 fbgs for the area of former basement. Fill material was excavated and transported offsite for disposal at Republic Landfill, Niagara Falls NY. Excavation was completed to the Main Street and E. Balcom Street property boundaries.

A total of 24, including 17 bottom samples and seven (7) perimeter sidewall samples were collected and analyzed for VOCs in vicinity of Tank 3, SVOCs, and metals (see Table 17). Excavation and post-excavation sample locations are shown on Figure 8.

5.8 Impacted soil fill exceeding USCOs

Non-hazardous impacted soil fill exceeding the USCOs was excavated and disposal at Republic Landfill located in Niagara Falls NY. Excavation was generally to completed to the underlying clean clayey soil ranging in depth from 3 to 5 fbgs. Post-excavation bottom samples and sidewall samples were collected. Figure 8 identifies the post-excavation soil sample locations, and Table 18 summarizes the laboratory results.

In total, 25,352.93 tons of non-hazardous impacted fill material, and 10,211.63 tons of non-hazardous petroleum impacted soil fill was excavated and disposed at Republic Landfill, located in Niagara Falls NY. Copies of the disposal documentation will be provided in the FER.

Overall, the soil IRMs achieved the Unrestricted Use SCOs across the Site.

5.8 Groundwater IRM Injection Activities

After completion of the UST, hydraulic lifts, and soil IRMs which achieved the Unrestricted Use soil cleanup objectives, supplemental groundwater remediation to address residual groundwater impacts was completed.

A Groundwater Interim Remedial Measures Work Plan was prepared and approved by the Department in December 2024. Prior to field activities a US Environmental Protection Agency (USEPA) Underground Injection Control (UIC) approval was received (January 2, 2025).

Per the approved Groundwater IRM Work Plan, three (3) additional groundwater wells, identified as TW-1, TW-2 and TW-3 (see Figure 15) were installed in accordance with the approved RI-IRM-AA Work Plan (November 2022). MW-6, MW-4, TW-1, TW-2 and TW-3 were sampled and used to evaluate the zone of influence during the injection field work, and pre- and post injection groundwater sampling.

Pre-injection mobilization activities, including mixing equipment, holding tanks, and injection drill rig were mobilized in February 2025. Injection activities began on February 27th, 2025 and completed through March 20, 2025. During that time period, the pre-injection groundwater laboratory results indicated that elevated VOCs were detected in the TW-1 well location (see Table 19). Based on the TW-1 results, and subgrade conflicts with in-place utilities, it was determined to revise the planned injection locations to include the vicinity of TW-1. The revised injection plan was provided to the Department. Trec completed installation of TW-4 and injection activities between May 5th and 14th, 2025.

In total, 33 injection points (IPs) were completed and a total of 26,400 lbs of REGENESIS Persulfox were injected per the approved Groundwater IRM Work Plan. Location of the IPs are presented on Figure 15.

Two (2) rounds of post-injection groundwater laboratory sampling were completed in July 2025 and November 2025. Table 19 summarizes the RI and IRM groundwater VOC sampling results. Post-injection groundwater concentrations indicate significant decrease in residual groundwater concentrations in the vicinity of MW-6, with decreasing concentrations in the vicinity of TW-1 and TW-4 (see Table 19).

Based on the residual groundwater concentrations, additional groundwater remedial measures will be evaluated in the remedial alternatives analysis, detailed below.

5.9 Offsite Soil Fill Disposal

The IRM excavation was completed to the Main Street property boundary. Post-excavation confirmatory soil samples collected along the Main Street property boundary indicated that offsite shallow soil-fill exceeded SCOs.

Based on the requirements for the structural pile installer, additional soil fill along Main Street required removal to allow access for the pile driving equipment unit. Based on the elevated post-excavation laboratory concentrations, and the fill material composition that reuse of a Fill Type 4 or Fill Type 5, in accordance with NYCRR Part 360 requirements, was not allowed under the municipal right-of-way or within the BCP boundary, and therefore it was determined to dispose of the fill material at landfill.

Approximately 512 tons on non-hazardous impacted soil fill was excavated by Dig It of NY and transported by Dig It (9A-737) and Roux (1A-1655) to Republic Landfill in Niagara Falls NY. Copies of the disposal documents will be provided in the FER.

6. Fate and Transport of COCs

The results of the previous investigation, RI sampling and completed IRMs were used to evaluate the fate and transport of COCs in Site media. The mechanisms by which the COCs can migrate to other areas or media are briefly outlined below.

6.1 Fugitive Dust Generation

Contaminants present in soil/fill can be released to ambient air because of fugitive dust generation. Fugitive dust generation during excavations related to remediation and Site redevelopment is considered a relevant potential short-term migration pathway.

Particulate monitoring in accordance with the approved Community Air Monitoring Plan (CAMP) would be implemented during intrusive activities and, if required, dust mitigation measures will be employed during future remediation and redevelopment intrusive activities to minimize the potential exposure.

6.2 Volatilization

Volatile chemicals present in on site media may be released to ambient or indoor air through volatilization either from or through the soil/fill underlying building structures. Volatile chemicals typically have a low organic-carbon partition coefficient (K_{oc}), low molecular weight, and a high Henry's Law constant. Historic operations on-Site had impacted on-Site soil/fill and groundwater with VOCs. Contaminated petroleum soils were identified on the Site during the RI.

Completed IRMs have removed the source of VOC impacts onSite, including the removal of four (4) USTs, hydraulic lifts, and associated petroleum impacted soil-fill. Completed groundwater IRM injections have significantly decreased the residual groundwater concentrations, though certain VOCs remain exceeding the GWQS. Additional groundwater remedial measures may be necessary and will be evaluated in the Alternatives Analysis. Therefore, volatilization from residual groundwater impacts is considered a relevant migratory pathway.

6.3 Surface Water Runoff

Pre-remedial conditions at the Site, as the majority of the site was covered by buildings and associated parking lots, had very low potential for surface water runoff. A City of Buffalo Sewer Authority Erosion Control Plan was approved for the project, with construction of temporary construction entrances, and on site grade was below the surrounding offsite elevations due to IRM excavation activities, further limiting potential surface water runoff.

Under the reasonably anticipated future use scenario, the Site will be substantially covered by hardscape (asphalt, concrete and buildings) with municipally approved building plans for onSite stormwater collection and connection to the municipal sewer system Therefore, surface water runoff is not considered a relevant pathway.

6.4 Leaching

Leaching refers to chemicals present in soil/fill migrating downward to groundwater because of infiltration of precipitation. The majority of the Site is currently covered in stone backfill approved by the department. After future Site development, the Site will be covered by impermeable surfaces (i.e., building and asphalt),

which limit infiltration of precipitation. Based on the findings of the RI, certain PAHs were detected above USCOs primarily in the fill interval. However, the detected PAHs tend to sorb strongly to soil and particulate matter and are not expected to leach under natural conditions (i.e., neutral pH). Slightly elevated PAHs results in groundwater are likely related to suspended solids, indicative of the surrounding soil fill results. Leaching is not considered a relevant migration pathway.

6.5 Groundwater Transport

The findings of the RI indicate the presence of naturally occurring metals and PAHs were detected above their respective GWQS, however, the low-level detections are common in typical urban environments. The differences in concentrations between sampling rounds also likely indicate elevated concentrations of metals and PHAs are related to sample turbidity.

Source area removal, including Tanks 1-4, hydraulic lifts, oil-water sumps, and associated grossly contaminated soil fill was removed during the IRMs and achieved the USCOs for remaining on Site soils. Groundwater IRM injections showed significant decrease in residual VOC impacts. Additional groundwater remedial activities are planned to address the remaining elevated concentrations in the vicinity of TW-1.

Based on the residual groundwater concentrations prior to supplemental remedial activities, contaminant transport via groundwater is considered a potential migration pathway at this time.

6.6 Exposure Pathways

Based on the analysis provided above, the pathways through which Site COCs could reach receptors at significant exposure point concentrations are: incidental contact during intrusive remedial activities, and groundwater transport are considered potential migratory pathways.

7. Qualitative Exposure Assessment

Based on the results of the investigation and the completed IRM activities have achieved the Unrestricted Use SCOs for on Site soils. Supplemental groundwater remedial activities may be required to address residual groundwater concentrations.

7.1 On-Site Potential Human Health Exposure

A qualitative exposure assessment consists of characterizing the exposure setting (including the physical environment and potentially exposed human populations), identifying exposure pathways, and evaluating contaminant fate and transport.

An exposure pathway describes the means by which an individual may be exposed to contaminants originating from a site. An exposure pathway has five (5) elements:

- Receptor population
- Contaminant source
- Contaminant release and transport mechanism
- Point of exposure
- Route of exposure

An exposure pathway is complete when all five (5) elements of an exposure pathway are documented; a potential exposure pathway exists when any one (1) or more of the five (5) elements comprising an exposure pathway is not documented but could reasonably occur. An exposure pathway may be eliminated from further evaluation when any one (1) of the five (5) elements comprising an exposure pathway does not exist in the present and will not exist in the future.

7.1.1 Receptor Population

The receptor population includes the people who are or who may be exposed to contaminants at a point of exposure. The identification of potential human receptors is based on the characteristics of the Site, the surrounding land uses, and the probable future land uses. The Site is currently vacant and primarily covered with gravel, fill, and vegetation.

Under current Site use conditions, including remedial and redevelopment activities, receptors would include construction workers involved in the remediation and/or redevelopment of the Site and trespassers who may traverse the property during remedial activities. Construction workers are/will be comprised of adults, and trespassers would likely be limited to adolescents and adults.

The reasonably anticipated future use of the Site is residential apartments, but the goal of the remediation is to achieve a Track 1 Unrestricted Use cleanup. Therefore, discussion below will consider this potential. The potential exposed receptors under the future use scenario would be comprised of residents, indoor workers, visitors, and construction workers who may be employed at or perform work on the property.

7.1.2 Contaminant Sources

The source of contamination is defined as either the source of contaminant release to the environment (such as a waste disposal area or point of discharge) or the impacted environmental medium (soil, air, biota, water) at the point of exposure. Section 4.0 discusses the COCs present in the unremediated Site media at elevated concentrations. The soil fill at the Site was impacted with metals, PAHs, VOCs and PCBs, and PFAS compounds. The completed IRMs removed the source areas and soil has achieved the USCOs. Residual groundwater concentrations would be potential contaminant source, though it would be expected that with source removal that the concentrations would continue to decrease naturally over time. Supplemental groundwater remedial activities are being evaluated.

7.1.3 Contaminant Release and Transport Mechanisms

Contaminant release and transport mechanisms carry contaminants from the source to points where people may be exposed and are specific to the type of contaminant and site use. Source areas and associated soil impacts have been addressed during completed IRMs. Supplemental groundwater remedial activities to address residual concentration are being evaluated. Therefore groundwater impacts are considered potential transport mechanisms.

7.1.4 Point of Exposure

The point of exposure is a location where actual or potential human contact with a contaminated medium may occur. Based on the exceedances in the soil/fill and groundwater, and detection of VOCs in soil vapor, the point of exposure is defined as those areas that will remain after planned remedial activities.

The completed IRMs have removed the source area and impacted soil fill and achieved the USCOs. Groundwater IRM injections have decreased groundwater concentrations, with some residual areas remaining with elevated concentrations. Point of exposure to residual groundwater concentrations is unlikely due to the depth of groundwater on Site and is limited to construction workers involved in the remedial activities. Under this remedial scenarios and preemptive HASP measures, the future points of exposure will be limited to contact with groundwater.

7.1.5 Route of Exposure

The route of exposure is the manner in which a contaminant actually enters or contacts the body (i.e., ingestion, inhalation, dermal absorption). Based on the types of receptors and points of exposure identified above, potential routes of exposure are listed below:

Current Use Scenario (Redevelopment activities)

- Construction Worker/Outdoor Worker/Environmental Personnel/Trespasser (short-term) – skin contact, inhalation, and incidental ingestion.

Future Use Scenario (Residential Housing)

- Residents, Indoor workers, and visitors – contact with groundwater;
- Construction Worker (short-term) – skin contact, inhalation, and incidental ingestion.

For both the current and future use scenarios, groundwater is not considered a relevant mechanism for exposure due to the absence of significant groundwater impacts; connection to municipal potable water source; and future requirement for an Environmental Easement that will restrict the use of Site groundwater.

7.1.6 Exposure Assessment Summary

Based on the above assessment, the potential exposure pathways for the current and future use conditions are listed below.

Current Use Scenario

- Construction Worker/Outdoor Worker/Environmental Personnel/Trespasser (short-term) – skin contact, inhalation, and incidental ingestion

Future Use Scenario

- Construction Worker (short-term) – skin contact, inhalation, and incidental ingestion.

7.2 Qualitative Off-Site Exposure Assessment

Soils in the vicinity of the Site are classified as Urban Lands and are expected to be comprised of fill material overlying native soils, similar to that which was found on-site. The site is bound by municipal streets to the south, east and west and with residential apartments and vacant land to the north. Mixed use residual and commercial use surround the area of the Site.

Potential offsite receptors would be limited to the same construction worker scenario as on Site, though more limited to utility workers. Based on the fill types and the post-excavation confirmatory sidewall sample results, offsite shallow soil fill which is likely to be encountered during utility installation and/or repairs, exceeded the SCOs and would be considered a potential offsite exposure scenario. As elevated detection were limited to primarily low leaching contaminants, including PAHs and metals, the potential for onSite migration is considered limited.

The surrounding area has access to the municipally supplied sanitary sewer and potable water system. Any groundwater extraction use would need to be approved by the municipality.

7.3 Qualitative Ecological Exposure Assessment

The Site has been used for commercial operations in a highly developed urban area of the City of Buffalo, with the majority of the site covered by buildings and hardscape parking lots and walkways, and provided little to no wildlife habitat or food value.

The Site is being redeveloped for residential apartments. The City of Buffalo approved development plans include the construction of three (3) new apartment buildings and associated parking lot, concrete walkways, and limited urban style landscaping, which will provide little to no habitat or food value.

As such, no unacceptable ecological risks are anticipated under the reasonably anticipated future use scenario.

8. Remedial Alternatives Analysis Evaluation

This section provides an analysis of the potential remedial approach(s) by using the Remedy Selection Evaluation Criteria identified in Section 4.2 of Guidance Document DER-10: Technical Guidance for Site Investigation and Remediation. In accordance with DER-10 Section 4.4(d)(2), in addition to a "no action" baseline alternative, the following alternatives are developed and assessed for each BCP Site based on NYSDEC-defined cleanup tracks as follows:

Track 1, 6 New York Codes, Rules, and Regulations (6NYCRR) Part 375-3.8(e)(1) requires site media to meet Part 375 SCOs that will allow the site to be used for any purpose without restrictions on the use of the site (i.e., unrestricted use). The soil cleanup must achieve the unrestricted use criteria at any depth above bedrock. Details and evaluation of the Track 1 alternative are described below.

Track 2, 6NYCRR Part 375-3.8(e)(2) requires site media to meet Part 375 restricted use SCOs that are consistent with the end use. For the Site, the Track 2 cleanup must achieve the Residential Use SCOs to a depth of 15 fbgs or top of bedrock, whichever is shallower. For Track 2 remedies, restrictions can be placed on the use of the property in the form of institutional and engineering controls, and future use and development will be completed in accordance with the environmental easement and site management plan. Details and evaluation of the Track 2 cleanup are described below.

Track 4, 6NYCRR Part 375-3.8(e)(4) soil cleanups use site-specific information to identify site-specific SCOs (or SSALs) that are protective of public health and the environment under a restricted use scenario. For Track 4 remedies, restrictions can be placed on the use of the property in the form of institutional and engineering controls if they can be realistically implemented and maintained in a reliable and enforceable manner. As set forth in 6 NYCRR Part 375-3.8(e)(4)(iii)(a)(1), the top 2 foot of all exposed surface soils, not otherwise covered by the components of the development of the site (e.g., buildings, pavement), shall not exceed the restricted use (Restricted Residential Use) SCOs. Areas that exceed these SCOs must be covered by material meeting the requirements of the generic soil cleanup table contained in Part 375-6.7(d) for the applicable future site uses (i.e., Restricted Residential).

8.1 Remedial Action Objectives

The final remedial measures for the Site must satisfy Remedial Action Objectives (RAOs). RAOs are site-specific statements that convey the goals for minimizing or eliminating substantial risks to public health and the environment. Appropriate RAOs for the Site, per DER-10s generic RAOs include:

Soil/Fill RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater contamination.

Groundwater RAOs

RAOs for Public Health Protection

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of volatiles, from contaminated groundwater.

RAOs for Environmental Protection

- Remove the source of groundwater contamination.

Soil Vapor

RAOs for Public Health Protection

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a site.

8.2 General Response Actions

General Response Actions (GRAs) are broad classes of actions that are developed to achieve the RAOs and form the foundation for the identification and screening of remedial technologies and alternatives.

Soil/Fill

The GRAs available to address the RAOs for soil/fill include:

- Source Area Removal/Treatment – excavation and offsite disposal
- Engineering Controls (e.g.,cover system)
- Institutional Controls (e.g., Environmental Easement, Site Management Plan)

Groundwater

The GRAs available to address the RAOs for groundwater include:

- Source Area Removal/Treatment
- Groundwater Monitoring
- Institutional Controls (e.g., groundwater use restrictions)

Soil Vapor

The GRAs available to address the RAOs for soil vapor include:

- Source Area Removal
- Completion of indoor air testing in any new buildings; and, installation of SSD system(s), as needed.
- Engineering Controls (e.g., active sub-slab depressurization (ASD) system)

8.3 Applicable Standards, Criteria, and Guidance

According to DER-10 Section 1.3(b)(1), standards, criteria, and guidance (SCGs) means "standards and criteria that are generally applicable, consistently applied, and officially promulgated, that are either directly

applicable or not directly applicable but are relevant and appropriate, unless good cause exists why conformity should be dispensed with, and with consideration being given to guidance determined, after the exercise of scientific and engineering judgment, to be applicable. This term incorporates both the CERCLA concept of 'applicable or relevant and appropriate requirements' (ARARs) and the USEPA's 'to be considered' (TBCs) category of non-enforceable criteria or guidance. For purposes of this Guidance, 'soil SCGs' means the soil cleanup objectives and supplemental soil cleanup objectives identified in 6NYCRR 375-6.8 and the Commissioner Policy CP-51 on Soil Cleanup Guidance."

Soil/Fill:

Soil Cleanup Objectives (SCOs) per 6 New York Code Rules and Regulation (6 NYCRR) Part 375 Environmental Remediation Programs, Subparts 375-12 to 375-4 & 375-6, effective December 14, 2006.

Groundwater

Class GA Groundwater Quality Standards and Guidance Values (GWQS/GVs) per NYSDEC's Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1), June 1998, amended April 2000.

Soil Vapor Intrusion

NYSDOH Decision Matrices – Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, and subsequent updates.

8.4 Evaluation of Alternatives

In addition to achieving RAOs, NYSDEC's Brownfield Cleanup Program calls for remedy evaluation in accordance with DER-10 Technical Guidance for Site Investigation and Remediation. The remedial alternatives are evaluated against the following criteria consistent with 6NYCRR Part 375-1.8(f):

- **Overall Protection of Public Health and the Environment**. This criterion is an evaluation of the remedy's ability to protect public health and the environment, assessing how risks posed through each existing or potential pathway of exposure are eliminated, reduced, or controlled through removal, treatment, engineering controls, or institutional controls.
- **Compliance with Standards, Criteria, and Guidance (SCGs)**. Compliance with SCGs addresses whether a remedy will meet applicable environmental laws, regulations, standards, and guidance.
- **Long-Term Effectiveness and Permanence**. This criterion evaluates the long-term effectiveness of the remedy after implementation. If wastes or treated residuals remain on-site after the selected remedy has been implemented, the following items are evaluated: (i) the magnitude of the remaining risks (i.e., will there be any significant threats, exposure pathways, or risks to the community and environment from the remaining wastes or treated residuals), (ii) the adequacy of the engineering and institutional controls intended to limit the risk, (iii) the reliability of these controls, and (iv) the ability of the remedy to continue to meet RAOs in the future.
- **Reduction of Toxicity, Mobility or Volume with Treatment**. This criterion evaluates the remedy's ability to reduce the toxicity, mobility, or volume of Site contamination. Preference is given to remedies that permanently and significantly reduce the toxicity, mobility, or volume of the wastes at the Site.

- **Short-Term Effectiveness**. Short-term effectiveness is an evaluation of the potential short-term adverse impacts and risks of the remedy upon the community, the workers, and the environment during construction and/or implementation. This includes a discussion of how the identified adverse impacts and health risks to the community or workers at the Site will be controlled, and the effectiveness of the controls. This criterion also includes a discussion of engineering controls that will be used to mitigate short term impacts (i.e., dust control measures), and an estimate of the length of time needed to achieve the remedial objectives.
- **Implementation**. The implementation criterion evaluates the technical and administrative feasibility of implementing the remedy. Technical feasibility includes the difficulties associated with the construction and the ability to monitor the effectiveness of the remedy. For administrative feasibility, the availability of the necessary personnel and material is evaluated along with potential difficulties in obtaining specific operating approvals, access for construction, etc.
- **Cost**. Capital, operation, maintenance, and monitoring costs are estimated for the remedy and presented on a present worth basis.
- **Community Acceptance**. This criterion evaluates the public's comments, concerns, and overall perception of the remedy.

8.5 Future Land Use Evaluation

In developing and screening remedial alternatives, NYSDEC's Part 375 regulations require that the reasonableness of the anticipated future land use be factored into the evaluation. The regulations identify 16 criteria that must be considered. These criteria and the resultant outcome for the Site are presented below.

1. *Current use and historical and/or recent development patterns:* The Site was previously used for automobile repair, commercial bakery and various commercial and storage related uses. The Site is located in a mixed use urban area of the City of Buffalo. The Site is zoned N-2E which incentivizes mixed use residential and commercial development. Surrounding properties have been redeveloped for residential use (across E Balcom) and mixed use residential and commercial along Main Street. The planned redevelopment includes the construction of three (3) new multi-family residential apartment buildings. **Accordingly, the planned redevelopment was approved by the City of Buffalo and is consistent with surrounding development and land use plans.**
2. *Applicable zoning laws and maps:* According to the City of Buffalo Unified Development Ordinance (Buffalo Green Code 2017) the current zoning for the Site is defined as N-2E, which allows for mixed use commercial and residential use development. The surrounding land-use is predominantly commercial and residential. Residential (affordable) **use is consistent with current zoning and approved redevelopment plans.**
3. *Brownfield opportunity areas as designated set forth in GML 970-r:* The Brownfield Opportunity Area (BOA) Program provides municipalities and community-based organizations with assistance to complete revitalization plans and implementation strategies for areas or communities affected by the presence of brownfield sites, and site assessments for strategic sites. **The Site does not lie within a BOA.**
4. *Applicable comprehensive community master plans, local waterfront revitalization plans as provided for in EL article 42, or any other applicable land use plan formally adopted by a municipality*: The current zoning for the Site is defined as N-2E (Buffalo Green Code UDO), which allows for mixed use commercial and residential use development. The surrounding

land-use is predominantly commercial and residential. **Redevelopment was approved by the City of Buffalo and is consistent with the Buffalo Green Code and Land Use Ordinance.**

5. *Proximity to real property currently used for residential use, and to urban, commercial, industrial, agricultural, and recreational areas*: The area surrounding the Site consists of residential and commercial properties. The site has residential properties surrounding the Site. There are no nearby agricultural areas. **Nearby and adjacent properties are mixed use residential and commercial use The redevelopment has been approved and is consistent with local zoning and development plans.**

6. *Any written and oral comments submitted by members of the public on the proposed use as part of the activities performed pursuant to the citizen participation plan*: **No comments have been received from the public to date pursuant to the citizen participation plan.**

7. *Environmental justice concerns, which include the extent to which the proposed use may reasonably be expected to cause or increase a disproportionate burden on the community in which the site is located, including low-income minority communities, or to result in a disproportionate concentration of commercial or industrial uses in what has historically been a mixed use or residential community*: Remediation has achieved a Unrestricted Use cleanup, and therefore reduces the environmental burden on the surrounding community. **Redeveloping the Site for use as residential apartments does not pose environmental justice concerns.**

8. *Federal or State land use designations:* There are no known federal or state land use designations. The Site will be remediated under the BCP to a Track 1 Unrestricted use cleanup level. **Redevelopment is consistent with the current land use designation.**

9. *Population growth patterns and projections:* The City of Buffalo, encompassing 40.38 square miles, has a population of 278,349 (2020 US Census Bureau), an increase of 6.5 percent from the 2010 census. **Redevelopment is consistent with zoning use and would further support affordable residential capacity.**

10. *Accessibility to existing infrastructure:* Utilities (sewer, water, electric, and gas) are present around the Site along Main Street, E Balcom Street, and Masten Avenue. **Existing infrastructure supports the redevelopment**.

11. *Proximity of the site to important cultural resources, including federal or State historic or heritage sites or Native American religious sites*. Per the New York State Historical Preservation Office, there are several historic districts located within nearby of the Site, including: the Linwood Historic District and Linwood Preservation District, the Elmwood Historic District, Forest Lawn Cemetery, and the Hamlin Park Historic District. **The remediation will improve the surrounding area, and the redevelopment does not affect the future land use of the Site.**

12. *Natural resources, including proximity of the site to important federal, State or local natural resources, including waterways, wildlife refuges, wetlands, or critical habitats of endangered or threatened species:* No State or Federal wetlands exist on the Site, nor is the Site located within a rare plant and/or animal habitat. This area of the City of Buffalo is identified as a potential area for peregrine falcons, though the planned changes to the site would not impact. The Site and adjacent properties are in a highly developed mixed use urban area of the City of Buffalo. **The absence of a suitable setting for ecological resources on or adjacent to the Site indicates that cleanup to Track 1 unrestricted use conditions will not pose an ecological threat.**

13. *Potential vulnerability of groundwater to contamination that might emanate from the site, including proximity to wellhead protection and groundwater recharge areas and other areas*

identified by the Department and the State's comprehensive groundwater remediation and protection program established set forth in ECL article 15 title 31: There are no groundwater supply well(s) present on the Site or noted in the vicinity of the Site. Regionally, groundwater has not been extracted for industrial, commercial, agriculture, or public supply purposes. Potable water service is provided by the local municipal water authority. The completed IRM removed all source material on-Site, and groundwater remediation has shown significant decrease in residual groundwater concentrations. **The absence of potable wells and wellhead protection, connection to the municipally supplied potable water system, and cleanup to unrestricted use conditions precludes threats to drinking water.**

14. *Proximity to flood plains:* There are no flood zones present or adjacent to the Site, and therefore there is a low risk of flooding. **The proposed cleanup to achieve USCOs, and redevelopment of the Site does not pose a threat to surface water.**
15. *Geography and geology:* The Site is located within the Lake Erie-Niagara River major drainage basin, which is typified by little topographic relief, except in the immediate vicinity of major drainage ways. **The redevelopment plan is consistent with the geography and geology of the Site.**
16. *Current institutional controls applicable to the site:* **No institutional controls are currently present that would affect the redevelopment.**

Based on the above analysis, residential use of the Site is consistent with planned development and zoning on-site and within the vicinity of the Site and does not pose additional environmental or public health risk.

8.7 Comparison of Remedial Alternatives

In addition to the evaluation of the alternatives to remediate the Site to the likely end use, NYSDEC regulations and policy calls for evaluation of more restrictive end-use scenarios. These include an Unrestricted Use scenario (considered under 6NYCRR Part 375 to be representative of cleanup to pre-disposal conditions), and a scenario less restrictive than the reasonably anticipated future use. Per NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation, evaluation of a "no action" alternative is also required to provide a baseline for comparison against other alternatives.

The alternatives evaluated below in greater detail include:

- Alternative 1: No Action
- Alternative 2: Track 1 Unrestricted Use Cleanup
- Alternative 3: Track 2 Residential Use Cleanup

8.7.1 Alternative 1 - No Action

Under this alternative, the Site is being evaluated based on the results of the RI, prior to completion of the IRMs, as the IRMs removed the source material and achieved Unrestricted Use cleanup.

Overall Protection of Public Health and the Environment – This alternative does not reduce the risk or exposure for human health and the environment. The Site is contaminated with elevated petroleum VOCs in on-Site soil/fill and groundwater. Uncontrolled access to the Site could lead to potential exposure to

impacted soil or if intrusive work was performed at the Site and workers are unaware or untrained regarding the contaminants. Accordingly, the no action alternative is not protective of public health and does not satisfy any of the RAOs.

Compliance with SCGs – Under the current use and reasonably anticipated future use scenario (residential apartments), the contamination detected in on-site soil/fill does not comply with applicable SCGs.

Long-Term Effectiveness and Permanence – The no action alternative involves no remediation, engineering, or institutional controls, and provides no long-term effectiveness toward achieving the RAOs.

Reduction of Toxicity, Mobility, or Volume of Contamination through Treatment – The no action alternative does not reduce the toxicity, mobility, or volume of contamination, and therefore this alternative is not protective of public health and does not satisfy any of the RAOs.

Short-Term Impacts and Effectiveness – The contamination on-site does pose short-term risks to community members that may use the Site for recreational purposes, on-site workers, and the environment. Adverse impacts and risks to the community, potential workers, or the environment would be attributable to implementation of the no action alternative. Therefore, implementation of the no further action alternative does not satisfy RAOs.

Implementation – No technical or administrative implementation issues are associated with the no further action alternative.

Cost – The capital cost of the no action alternative is $0. There would be no capital or long-term operation, maintenance, or monitoring costs associated with the no action alternative.

Community Acceptance – Community acceptance will be evaluated based on comments received from the public in response to Fact Sheets and other planned Citizen Participation activities, including a public comment period for the RI/AA Report.

8.7.2 Alternative 2 - Unrestricted Use (Track 1) Cleanup

An Unrestricted Use alternative necessitates remediation of all soil/fill where concentrations exceed USCOs per 6NYCRR Part 375. For the Unrestricted Use scenario, excavation and off-site disposal of impacted soil/fill is generally regarded as the most applicable remedial measure, because institutional controls cannot be used to supplement the remedy. As such, the Unrestricted Use alternative assumes that those areas on-Site which exceed USCOs would be excavated and disposed at an off-Site commercial solid waste facility.

Based on the previous investigation and RI, exceedances of USCOs were detected in the soil/fill across the Site ranges from approximately 4 to greater than 15 fbgs. Multiple USTs (Tank1 though Tank 4), hydraulic lifts, and oil-water sumps were identified, and associated petroleum impacted soil-fill. Approximately 35,500 tons of non-hazardous petroleum impacted and non-petroleum impacted fill were excavated and disposed offsite. Four (4) USTs, inground hydraulic lifts, and oil sumps were removed, and approximately 13,800 gallons of non-hazardous tank, hydraulic lift and oil sump product-water mixture and cleaning rinsate was vacuumed out and properly disposed. Additional hazardous oil and impacted soils

were properly disposed. Groundwater IRM injections have significantly reduced groundwater concentrations, and planned supplemental groundwater remedial activities aim to achieve GWQS.

Overall Protection of Public Health and the Environment – Excavation and off-site disposal to remove the source areas and historic tanks and lifts, have achieved the Unrestricted SCOs to the property boundary. The completed groundwater IRM injection has significantly decreased the residual groundwater concentrations. Additional groundwater remedial measures will be evaluated. Accordingly, the Unrestricted Use alternatives satisfied the RAOs.

Compliance with SCGs – The IRM post-excavation samples achieved USCO and complies with applicable, relevant, and appropriate SCGs. Imported backfill stone material was approved and meets the DER-10 criteria. Post-IRM groundwater samples show significant decrease in VOC concentrations with only minor exceedances of GWQS. The IRMs removed on-Site source material, and groundwater concentrations are expected to continue to improve over time.

Long-Term Effectiveness and Permanence – The completed IRMs achieved USCOs, removed the GCPS source material from the Site, and completed groundwater IRM injection; therefore the completed IRMs do provide long-term and permanent effectiveness. The completed remedial actions are fully protective of public health and the environment and achieve the RAOs for the Site.

Reduction of Toxicity, Mobility, or Volume of Contamination through Treatment – The IRM completed at the Site has reduced the toxicity, mobility and volume of contaminants. The IRMs were successful in achieving USCOs, and therefore this alternative is protective of public health and satisfies the RAOs.

Short-Term Effectiveness – The principal advantage of a large-scale excavation to achieve USCOs is reliability of effectiveness in the long-term. The short-term adverse impacts and risks to the community, workers, and environment during implementation of this alternative are manageable. Site workers would be required to wear personal protective equipment (PPE) during excavation to prevent direct contact with soil/fill. CAMP monitoring and dust control methods would be required to limit the release of particulates during intrusive activities, as needed.

This alternative does have short-term impacts, however, the RAOs would be achieved once the soil/fill is removed from the Site and backfill stone is in place.

Implementation – Significant technical and administrative implementation issues would be encountered in completion of the Unrestricted Use alternative. Technical implementation issues include but are not limited to shoring/stabilizing excavation sidewalls to prevent sloughing during the excavation; groundwater and/or storm water handling, treatment and/or discharge/disposal; and traffic coordination for trucks entering and exiting the Site, staging of trucks, and multiple landfills and backfill sources required for the project.

Administrative implementation issues may include: the need to coordinate and secure disposal contracts with numerous permitted off-site landfills as a single location would not be able to be relied upon to accept the volume of soil/fill generated under this alternative; difficulty locating local borrow sources for such a large volume of backfill; and the need for rezoning of the area to allow for Unrestricted Uses (e.g., farming, livestock, single-family residential), which are not consistent with current surrounding land-use or the reasonably anticipated future use the Site.

Cost – The capital cost of implementing the IRM and achieving an Unrestricted Use cleanup alternative is approximately $3.8 million (see Table 20). There would be no additional capitals or long-term operation, maintenance, or monitoring costs associated with the Unrestricted Use alternative.

Community Acceptance – Community acceptance will be evaluated based on comments received from the public in response to Fact Sheets and other planned citizen participation activities.

8.7.3 Alternative 3 – Residential Use (Track 2) Cleanup

Under Alternative 3, the Site would be cleaned up to a Track 2 Residential Use. The Track 2 Residential Use alternative would not differ substantially from the Track 1 alternative. However, if residual groundwater concentrations could not be addressed to achieve the RAOs within the 5-year period from issuance of the COC, the Track 2 alternative would be the default.

It should be noted that the residual groundwater impacts are localized to the former Tank 4 area, and therefore, the eastern portion of the Site, including Building 2 and Building 3 areas have achieved the Track 1 alternative and would allow for a dual Track 1/Track cleanup.

Therefore, Alternative 3 – Track 2 Residential Use cleanup in addition to the completed IRMs and supplemental groundwater remedial activities, the Track 2 cleanup would require an Environmental Easement, preparation of Site Manageemnt Plan for documentation of the Institutional Controls and/or future monitoring requirements,

- Implementation of a Site Management Plan (SMP). The SMP will include:
  - **Institutional Controls and Engineering Controls (IC/EC)** Engineering controls include any physical barrier or method employed to actively or passively contain, stabilize, or monitor contaminants; restrict the movement of contaminants; or eliminate potential exposure pathways to contaminants. Institutional controls at the site will include groundwater use restrictions and use restrictions of the Site to commercial or industrial use.
  - **An Operation and Maintenance Plan** that describes the measures necessary to operate, monitor, and maintain any mechanical components of the remedial work;
  - **A Site Monitoring Plan** that includes: provisions for a Site-wide inspection program and post-remedial groundwater monitoring to assure that the IC/ECs have not been altered and remain effective; and,
- **An Environmental Easement** filed with Erie County.

Overall Protection of Public Health and the Environment – This alternative meets the NYSDEC requirements for a Track 2 cleanup under the BCP regulations and is protective of public health and the environment. The RAOs for the Site would be satisfied through the completed IRMs, supplemental groundwater remedial activities, and the use of EC/ICs to prevent potential future exposure and limit the future Site use to residential.

Compliance with SCGs – The completed IRM has achieved the SCGs and RAOs for soil across the site. Supplemental groundwater remedial activities are planned to address residual concentrations after

completion of the IRMs. Additional monitoring will be required to confirm that the groundwater concentrations have achieved the SCGs. Post-injection samples would be collected to verify conformance with GWQS. The SMP would be implemented to assure that the engineering and institutional controls placed on the Site remain effective.

The planned remedial activities for this alternative are fully protective of public health and the environment and achieve RAOs for the Site.

Long-Term Effectiveness and Permanence – The completed IRMs achieved USCOs, removed the GCPS source material from the Site, and completed groundwater IRM injection; therefore the completed IRMs do provide long-term and permanent effectiveness.

The SMP will include appropriate plans, controls, and measures and an environmental easement to ensure the Track 2 residential use remedy is protective of human health and the environment. As such, this alternative will provide long-term effectiveness and permanence.

Reduction of Toxicity, Mobility, or Volume of Contamination through Treatment – The completed IRMs have reduced the toxicity, mobility and volume of contaminants. The IRMs were successful in achieving USCOs. Supplemental groundwater remedial activities will address residual groundwater concentrations. This alternative is protective of public health and satisfies the RAOs.

Short-Term Impacts and Effectiveness – The principal advantage of a large-scale excavation to achieve USCOs is reliability of effectiveness in the long-term. The short-term adverse impacts and risks to the community, workers, and environment during implementation of this alternative are manageable. Site workers would be required to wear personal protective equipment (PPE) during excavation to prevent direct contact with soil/fill. CAMP monitoring and dust control methods would be required to limit the release of particulates during intrusive activities, as needed.

This alternative does have short-term impacts, however, the RAOs would be achieved once the soil/fill is removed from the Site and backfill stone is in place.

Implementation – No significant technical or administrative implementation issues are associated with this alternative.

Cost – The capital cost of implementing the IRM and achieving an Unrestricted Use cleanup alternative is approximately $4.13 million (see Table 21). An annual cost for monitoring and certification of the EC-IC would be incurred.

Community Acceptance – Community acceptance will be evaluated based on comments received from the public in response to Fact Sheets and other planned citizen participation activities.

8.8 Recommended Remedial Measure

Based on the Alternatives Analysis evaluation, the Track 1 Unrestricted Use alternative (Conditional) with supplemental groundwater remedial activities satisfies the RAOs and likely avoids the need for long-term institutional and engineering controls and the expense of implementing, monitoring, and maintaining the controls.

However, if after 5 years after issuance of the COC, long-term institutional and engineering controls may be necessary to achieve RAOs, a Track 2 Residential Use would be achieved by default.

9. RI/AA Summary and Conclusions

Based on the data and analyses presented in the preceding sections, we offer the following summary and conclusions:

Soil/Fill

- Based on the previous investigation and RI activities, elevated SVOCs, metals, VOCs, and PFAS concentrations were identified exceeding USCOs in the surface and subsurface soil fill material across the site ranging from surface to depths of 4 to approximately 18 fbgs.
- Competed IRMs removed four (4) USTs, hydraulic lifts, oil-water sumps, grossly contaminated petroleum soil fill, and impacted soil fill, and achieved the soil Unrestricted Use SCOs.

Groundwater

- Based on the RI groundwater findings, elevated VOCs related to the former USTs, hydraulic lifts, and oil-water sumps, were identified on Site. Source area removal and Groundwater IRM activities have significantly reduced groundwater concentrations. Supplemental groundwater remedial activities are planned to address residual groundwater concentrations and aim to achieve GWQS.
- No elevated herbicides, PCBs, PFAS, and 14-dioxane were detected above GWQS. Certain PAHs, naturally occurring metals, iron, magnesium and sodium, and dieldrin (estimated) were detected exceeding their GWQS.
- Completed groundwater IRM injections activities show significant decrease in groundwater VOCs concentrations and planned supplemental groundwater remedial activities aim to achieve GWQS.

Soil Vapor

- Based on the concentrations detected in the soil vapor, it does not appear to be a concern. New construction incorporated vapor barriers and passive radon systems into the approved design. However, indoor air assessment would need to be completed after building construction to confirm.

Selected Remedy

Based on the Alternatives Analysis evaluation, Alternative 2 – Track 1 Unrestricted Use Cleanup (conditional) is the recommended remedial approach for the Site. This remedy is fully protective of human health and the environment and fully satisfies the RAOs for the Site.

If supplemental groundwater remedial activities are unable to achieve SCGs after 5 years, then a split Track 1 and Track 2 Residential Use cleanup would be achieved by default.

10. References

1. New York State Department of Environmental Conservation. *DER-10; Technical Guidance for Site Investigation and Remediation.* May 2010.
2. *6 NYCRR Part 375 Environmental Remediation Programs*. December 2006, and subsequent revisions.
3. New York State Department of Environmental Conservation Division of Water Technical and Operation Guidance (TOGS). *1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations*. June 1998.
4. NYS Department of Health. *The Guidance for Evaluating Soil Vapor Intrusion in the State of New York.* October 2006, and subsequent updates.
5. United States Department of Agriculture (USDA), Soil Conservation Service. *Soil Survey of Erie County, New York*. December 1986.
6. New York State Department of Environmental Conservation. *Sampling, Analysis, and Assessment of Per- And Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs.* January 2021, and subsequent updates.
7. City of Buffalo. *Buffalo Green Code, Unified Development Ordinance*. January 2017.
8. Benchmark Civil/Environmental Engineering and Geology, PLLC. *Remedial Investigation-Interim Remedial Measures Work Plan, 1681-1689 Main Street Site, C915378, Buffalo New York.* Revised September 2022.
9. Roux Environmental Engineering and Geology DPC. *Addendum to the RI-IRM Work Plan for the 1681-1689 Main Street Site, C915378, Buffalo New York.* February 2024
10. Roux Environmental Engineering and Geology DPC. *Groundwater Interim Remedial Measures Work Plan* December 2024.

TABLES

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TABLE 1
SUMMARY OF PREVIOUS INVESTIGATIONS SUBSURFACE SOIL/FILL SAMPLE ANALYTICAL RESULTS

RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

PARAMETER[1]	Unrestricted Use SCOs [2]	Restricted Residential Use SCOs [2]	Commercial Use SCOs [2]	Industrial Use SCOs [2]	Sample Location (Depth - ft)																
					SB-2 (7-8')	SB-4 (8-9')	SB-6 (1-2')	SB-8 (0.5-1.5')	SB-12 (0.5-1.5')	SB-15 (0.5-1.5')	SB-21 (1-3')	SB-24 (1-5')	SB-25 (2-6')	SB-26 (0.5-4')	TP-1 (0-1')	TP-2 (1-2')	TP-2 (4-5')	TP-4 (1-2')	TP-5 (3-4')	TP-6 (1.5-2.5')	TP-7 (2-3')
					2/8/2021		2/9/2021				2/23/2021				10/16/2023						
Volatile Organic Compounds (VOCs) - mg/Kg [3]																					
1,2,4-Trimethylbenzene	**3.6**	**52**	**190**	**380**	**11**	**17**	**180**	**48**	--	--	--	ND	**150**	**11**	--	--	ND	--	--	--	--
1,2-Dichlorobenzene	--	--	**500**	--	ND	ND	1.8	0.46	--	--	--	ND	1.4	0.081 J	--	--	ND	--	--	--	--
1,3,5-Trimethylbenzene	**8.4**	**52**	**190**	**380**	3.1	4.6	**50**	**11**	--	--	--	ND	**40**	1.9	--	--	ND	--	--	--	--
1,3-Dichlorobenzene	**2.4**	**49**	**280**	**560**	ND	ND	0.1 J	ND	--	--	--	ND	ND	ND	--	--	ND	--	--	--	--
1,4-Dichlorobenzene	**1.8**	**13**	**130**	**250**	ND	ND	0.59 J	0.15 J	--	--	--	ND	0.42 J	0.028 J	--	--	ND	--	--	--	--
4-methyl-2-pentanone (MIBK)	--	--	--	**1000**	0.22 J	ND	ND	ND	--	--	--	ND	ND	ND	--	--	ND	--	--	--	--
Benzene	**0.06**	**4.8**	**44**	**89**	ND	ND	**0.45**	**0.16**	--	--	--	ND	**0.58**	0.033	--	--	ND	--	--	--	--
Cyclohexane	--	--	--	--	ND	0.038 J	0.43 J	0.14 J	--	--	--	ND	0.79 J	0.22 J	--	--	ND	--	--	--	--
Ethylbenzene	**1**	**41**	**390**	**780**	0.37	**1.8**	**3.7**	0.63	--	--	--	ND	**3.9**	0.15	--	--	ND	--	--	--	--
Isopropylbenzene (Cumene)	--	--	--	--	0.24	0.43	0.98	0.15	--	--	--	ND	1	0.12	--	--	ND	--	--	--	--
Methyl acetate	--		--	--	ND	ND	ND	ND	--	--	--	0.18 J	ND	ND	--	--	ND	--	--	--	--
Methylcyclohexane	--	--	--	--	0.16 J	0.42	2.8	1	--	--	--	ND	1.7 J	0.41	--	--	ND	--	--	--	--
n-Butylbenzene	**12**	**100**	**500**	**1000**	0.98	0.82	4.6	0.87	--	--	--	0.056 J	5	0.49	--	--	ND	--	--	--	--
n-Propylbenzene	**3.9**	**100**	**500**	**1000**	1.5	2.4	3.1	0.42	--	--	--	ND	3.3	0.42	--	--	ND	--	--	--	--
p-Isopropyltoluene	--	--	--	--	0.12	0.098	5.6	1.5	--	--	--	0.011 J	6.3	0.47	--	--	ND	--	--	--	--
sec-Butylbenzene	**11**	**100**	**500**	**1000**	0.29	0.23	2.8	0.56	--	--	--	0.19	3	0.26	--	--	ND	--	--	--	--
Styrene	--	--	--	**1000**	ND	ND	ND	ND	--	--	--	ND	0.42 J	ND	--	--	ND	--	--	--	--
Toluene	**0.7**	**100**	**500**	**1000**	ND	ND	**1.3**	0.36	--	--	--	ND	**1.1**	ND	--	--	ND	--	--	--	--
Total Xylenes	**0.26**	**100**	**500**	**1000**	**2.6**	**9.28**	**74**	**17.1**	--	--	--	ND	**68**	**2.98**	--	--	ND	--	--	--	--
Total TICs	--	--	--	--	20.1 J	9.19 J	147 J	35.9 J	--	--	--	20.2 J	367 J	31.6 J	--	--	ND	--	--	--	--
Polycyclic Aromatic Hydrocarbons (PAHs) - mg/Kg [3]																					
2,4-Dimethylphenol	--	--	--	--	ND	0.065 J	0.16 J	0.32	--	--	--	--	ND	0.18 J	--	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	0.085 J	ND	ND	ND	--	--	--	--	ND	ND	--	--	--	--	--	--	--
2-Chloronaphthalene	--	--	--	--	ND	ND	0.15 J	ND	--	--	--	--	ND	ND	--	--	--	--	--	--	--
2-Methylnaphthalene	--	--	--	--	2.7	0.33	17	8.5	--	--	--	--	79	1.4	--	--	--	--	--	--	--
3-Methylphenol/4-Methylphenol	--	--	--	--	ND	ND	0.35	ND	--	--	--	--	ND	ND	--	--	--	--	--	--	--
Acenaphthene	**20**	**100**	**500**	**1000**	ND	ND	0.22	0.16	0.037 J	1.7	0.26	0.27	ND	0.064 J	1.4	1.5	--	1	0.039 J	0.046 J	2.3
Acenaphthylene	**100**	**100**	**500**	**1000**	ND	ND	0.07 J	ND	0.37	0.48	0.61	0.5	ND	ND	0.61	0.52	--	1.1	0.049 J	ND	1.6
Anthracene	**100**	**100**	**500**	**1000**	ND	ND	0.14	0.11 J	0.28	3.6	1.2	1.4	ND	0.058 J	3.3	3.5	--	2.6	0.11	0.1 J	5.9
Benzo(a)anthracene	**1**	**1**	**5.6**	**11**	ND	ND	0.15	0.09 J	0.71	**9.9**	**4**	**4**	ND	0.14	**8**	**10**	--	**7.1**	0.35	0.31	**20**
Benzo(a)pyrene	**1**	**1**	**1**	**1.1**	ND	ND	ND	0.058 J	0.69	**9.1**	**4**	**4.5**	ND	0.1 J	**7.1**	**8.1**	--	**6.5**	0.31	0.27	**21**
Benzo(b)fluoranthene	**1**	**1**	**5.6**	**11**	ND	ND	ND	0.061 J	**1.2**	**12**	**4.6**	**5**	ND	0.16	**12**	**9.6**	--	**8**	0.38	0.32	**24**
Benzo(ghi)perylene	**100**	**100**	**500**	**1000**	ND	ND	0.2	0.1 J	0.5	5.3	1.9	2.6	ND	0.068 J	4.2	4.7	--	3.8	0.16	0.14 J	11
Benzo(k)fluoranthene	**0.8**	**3.9**	**56**	**110**	ND	ND	ND	ND	0.36	**4.2**	**1.6**	**1.7**	ND	0.049 J	**2.7**	**4**	--	**2.1**	0.16	0.14	**8.5**
Biphenyl	--	--	--	--	0.062 J	ND	0.066 J	ND	--	--	--	--	ND	ND	--	--	--	--	--	--	--
Bis(2-ethylhexyl) phthalate	--	--	--	--	ND	ND	1.3	0.68	--	--	--	--	ND	ND	--	--	--	--	--	--	--
Carbazole	--	--	--	--	ND	ND	ND	ND	--	--	--	--	ND	0.036 J	--	--	--	--	--	--	--
Chrysene	**1**	**3.9**	**56**	**110**	ND	ND	0.23	0.11 J	0.78	**9.2**	**3.7**	**3.8**	ND	0.12	**7.6**	**10**	--	**6.9**	0.36	0.29	**18**
Dibenzo(a,h)anthracene	**0.33**	**0.33**	**0.56**	**1.1**	ND	ND	ND	ND	0.16	**1.6**	**0.48**	**0.56**	ND	ND	**1.2**	**1.2**	--	**1**	0.048 J	0.041 J	**1.8**
Fluoranthene	**100**	**100**	**500**	**1000**	ND	ND	0.3	0.22	1	18	8.3	7.9	ND	0.27	22	18	--	14	0.73	0.63	45
Fluorene	**30**	**100**	**500**	**1000**	0.044 J	ND	0.41	0.26	0.075 J	1.5	0.45	0.41	ND	0.072 J	1.7	1.8	--	1.2	0.043 J	0.046 J	2.7
Indeno(1,2,3-cd)pyrene	**0.5**	**0.5**	**5.6**	**11**	ND	ND	ND	ND	0.52	**6.6**	**2.1**	**2.6**	ND	0.061 J	**5.4**	**5.9**	--	**4.9**	0.2	0.18	**15**
Naphthalene	**12**	**100**	**500**	**1000**	2.6	0.93	12	6.9	0.21	0.85	0.71	0.44	**53**	1.1	2.7	1.8	--	1.6	0.031 J	0.044 J	1.5
Phenanthrene	**100**	**100**	**500**	**1000**	0.044 J	ND	0.5	0.43	0.62	12	5.4	5.2	2.1 J	0.25	16	16	--	14	0.46	0.43	28
Pyrene	**100**	**100**	**500**	**1000**	ND	ND	0.69	0.37	0.9	14	6.9	7.1	1.9 J	0.25	17	14	--	11	0.58	0.5	35
Metals - mg/Kg																					
Arsenic	**13**	**16**	**16**	**16**	--	--	--	--	9.2	12.4	6.7	10.2	3.52	4.79	**15**	10.6	--	**15.1**	8.9	7.27	6.61
Barium	**350**	**400**	**400**	**10000**	--	--	--	--	93.8	60.4	129	77.5	66	208	296	126	--	271	93	90.3	155
Cadmium	**2.5**	**4.3**	**9.3**	**60**	--	--	--	--	ND	ND	0.974	1.34	0.508	4.4	0.94	0.229 J	--	1.32	0.189 J	0.108 J	0.449
Chromium	**30**	**180**	**1500**	**6800**	--	--	--	--	12.1	21.6	18.5	17	9.58	**41.6**	20.9	19.6	--	17.9	14.5	15	11.2
Lead	**63**	**400**	**1000**	**3900**	--	--	--	--	44.8	**117**	41.8	**159**	31.3	**286**	**497**	**86.3**	--	**392**	**107**	21.3	**94.1**
Mercury	**0.18**	**0.81**	**2.8**	**5.7**	--	--	--	--	0.058 J	0.091	ND	**0.337**	ND	**0.255**	**0.629**	**0.263**	--	**0.302**	0.094	0.082	**0.455**
Selenium	**3.9**	**180**	**1500**	**6800**	--	--	--	--	0.875 J	1.2	1.26	1.92	0.974	2.7	0.61 J	0.515 J	--	0.739 J	0.304 J	ND	0.118 J
Silver	**2**	**180**	**1500**	**6800**	--	--	--	--	ND	ND	ND	ND	ND	0.155 J	0.371	0.207 J	--	0.389	0.24	0.194 J	0.26

Notes:
1. Only those parameters detected at a minimum of one sample location are presented in this table; other compounds were reported as non-detect.
2. Values per 6NYCRR Part 375 Soil Cleanup Objectives (SCOs).
3. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparisons to SCOs.

Definitions:
ND = Parameter not detected above laboratory detection limit.
"--" = No value available for the parameter; Parameter not analyzed for.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.

Bold	= Result exceeds Unrestricted Use SCOs
Bold	= Result exceeds Restricted Residential Use SCOs.
Bold	= Result exceeds Commercial Use SCOs.
Bold	= Result exceeds Industrial use SCOs.

TABLE 2

SUMMARY OF PREVIOUS INVESTIGATION GROUNDWATER ANALYTICAL RESULTS
RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

PARAMETER[1]	GWQS[2]	Sample Location
		SB-2/TMW-1
		2/9/2021
Volatile Organic Compounds (VOCs) - ug/L		
1,2,4-Trimethylbenzene	**5**	**540**
1,3,5-Trimethylbenzene	**5**	**110**
1,2-Dichloroethane	**0.6**	0.45 J
2-Butanone	**50**	5.6 J
Acetone	**50**	9.4 J
Benzene	**1**	**46**
Cyclohexane	**--**	2.5 J
Ethylbenzene	**5**	**530**
Isopropylbenzene	**5**	**29**
Methylcyclohexane	**--**	2.2 J
n-Propylbenzene	**5**	**60**
Toluene	**5**	**43**
Trichloroethene	**5**	1.9
Vinyl Chloride	**2**	0.25 J
Xylene (total)	**5**	**1300**

Notes:
1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Division of Water Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations - Class GA (TOGS 1.1.1)

Definitions:
ND = Parameter not detected above laboratory detection limit.
J = Estimted Value - Below calibration range.

TABLE 3

REMEDIAL INVESTIGATION SAMPLING AND ANALYTICAL SUMMARY

RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Matrix	Investigation Location	Sample Depth	TCL+CP-51 VOCs + TICs [1,2]	TCL SVOCs + TICs [2,3]	TAL Metals	PCBs	Pesticides	Herbicides	PFAS
Surface Soil/Fill	TP-20 SS-1	0-1'	--	1	1	1	1	1	1
Subsurface Soil/Fill	TP-1	2-3'	1	1	1	1	1	1	1
	TP-2	1-2'	--	1	1	--	--	--	--
	TP-3	2-4'	--	1	1	--	--	--	--
	TP-4	1-2'	--	1	1	--	--	--	--
	TP-5	2-3'	--	1	1	--	--	--	--
	TP-6	1-2'	1	1	1	1	--	--	--
	TP-7	2-3'	1	1	1	1	--	--	--
	TP-8	3-4'	1	1	1	1	1	1	1
	TP-9	2-3'	--	1	1	--	--	--	--
	TP-10	0.5'-2'	1	1	--	--	--	--	--
	TP-11	1-2'	1	1	1	--	--	--	--
	TP-12	1-2'	1	1	1	1	1	1	1
	TP-14	1-2'	1	1	--	--	--	--	--
	TP-15	0.5-1'	--	1	1	1	--	--	--
	TP-16	1-2'	1	1	1	--	--	--	--
	TP-17	1-3'	1	1	1	--	--	--	--
	TP-18	2-3'	--	1	1	1	--	--	--
	TP-19	3-4'	--	1	1	--	--	--	--
	TP-20	1-3'	--	--	--	1	1	1	1
	TP-20	2-3'	--	1	1	--	--	--	--
	TP-20	4-6'	--	1	1	1	1	1	1
	TP-22	1-2'	1	1	1	1	--	--	--
	MW-1	4-7'	--	1	1	1	1	1	1
	MW-1	10-12'	--	1	1	1	1	1	1
	MW-2	4-5'	1	1	1	--	--	--	--
	MW-3	5-6'	--	1	1	--	--	--	--
	MW-4	5-6'	1	1	1	1	--	--	--
	MW-5	5-8'	1	1	1	1	1	1	1
	MW-6	5-8'	1	1	1	--	--	--	--
	MW-7	4-8'	1	1	1	1	1	1	1
QA/QC	Soil	MS	1	2	2	1	1	1	1
		MSD	1	2	2	1	1	1	1
		Blind Dup	2	2	2	1	1	1	1
TOTAL SOIL SAMPLES:			**20**	**36**	**34**	**19**	**13**	**13**	**13**
Groundwater	MW-1	Groundwater	1	1	1	1	1	1	1
	MW-2		1	1	1	1	1	1	1
	MW-3		1	1	1	1	1	1	1
	MW-4		1	1	1	1	1	1	1
	MW-5		1	1	1	1	1	1	1
	MW-6		1	1	1	1	1	1	1
	MW-7		1	1	1	1	1	1	1
QA/QC	Groundwater	MS	1	1	1	1	1	1	1
		MSD	1	1	1	1	1	1	1
		Blind Dup	1	1	1	1	1	1	1
		Trip/Field Blank	1	--	--	--	--	--	1
		Equipment Blank	--	--	--	--	--	--	1
TOTAL GROUNDWATER SAMPLES:			**11**	**10**	**10**	**10**	**10**	**10**	**12**
Soil Vapor (TO-15 Method)	SV-2	Soil Vapor	1	--	--	--	--	--	--
	SV-3		1	--	--	--	--	--	--
	SV-4		1	--	--	--	--	--	--
	SV-6		1	--	--	--	--	--	--
	SV-7		1	--	--	--	--	--	--
	SV-8		1	--	--	--	--	--	--
	Outdoor Ambient - OA-01		1	--	--	--	--	--	--
TOTAL AIR SAMPLES:			**7**	**0**	**0**	**0**	**0**	**0**	**0**

Notes:

1. Full List VOCs = TCL plus CP-51 List VOCs via Method 8260. TBD - Additional soil/fill samples may be collected for analysis if evidenc (odor or elevated PID readings) are detected in the field.
2. Tentatively Identified Compounds (TICs) will be analyzed per DER-10 for the RI samples.
3. 1,4-Dioxane will be analyzed in soil and groundwater samples; soil will be analyzed using Method 8270 and groundwater will be analyzed using Method 8270 SIM per NYSDEC guidelines.

Acronyms:

VOCs = Volatile Organic Compounds
PFAS = Per- and polyfluoroalkyl Substances
SVOCs = Semi-Volatile Organic Compounds
TCL = Target Compound List
TICs = Tentatively Identified Compounds.
TAL = Target Analyte List
PCBs = Polychlorinated Biphenyls
TBD = To be determined.

ROUX

TABLE 4

MONITORING WELL CONSTRUCTION DETAILS
RI-AA-IRM REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Well Identification			Well Elevations					Well Diameter (inches)	Well Screen Data				
Well Number*	Well Type	Date Completed	TOR Elevation (ft)	Stick up Height (ft)	Ground Elevation (ft)	Total Depth (fbTOR)	Bottom of Well Elevation (fmsl)		Length of Well Screen (feet)	Screen Interval (fmsl)		Screen Interval (fbTOR)	
MW-1	OB	03/19/2024	632.45	2.42	630.03	22.49	609.96	2	5	614.96 to 609.96		17.49 to 22.49	
MW-2	OB	03/19/2024	632.06	4.54	627.52	23.32	608.74	2	5	613.74 to 608.74		18.32 to 23.32	
MW-3	OB	03/20/2024	631.47	5.92	625.55	23.16	608.31	2	5	613.31 to 608.31		18.16 to 23.16	
MW-4	OB	03/19/2024	629.06	-0.66	629.72	19.95	609.11	2	5	614.11 to 609.11		14.95 to 19.95	
MW-5	OB	03/21/2024	632.34	2.29	630.05	22.88	609.46	2	5	614.46 to 609.46		17.88 to 22.88	
MW-6	OB	03/21/2024	632.85	4.51	628.34	22.72	610.13	2	5	615.13 to 610.13		17.72 to 22.72	
MW-7	OB	03/20/2024	632.60	5.84	626.77	23.22	609.38	2	5	614.38 to 609.38		18.22 to 23.22	

Abbreviations:

DTW = depth to water
fbgs = feet below ground surface
fbTOR = feet below top of riser
fmsl = feet above mean sea level
OB = Indicates a well completed in shallow unconsolidated overburden
TOR = top of riser

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TABLE 5

SUMMARY OF RI GROUNDWATER ELEVATIONS
RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO.C915378
BUFFALO, NEW YORK

Location	Date	Grade	TOR Elevation [1] (ft)	Stickup	DTP (if present) (fbTOR)	DTW (fbTOR)	Product Thickness (ft)	Groundwater Elevation [2] (ft)
MW-1	5/3/2024	630.0	632.45	2.42	NP	15.63	NP	616.82
MW-2	5/3/2024	627.5	632.06	4.54	NP	15.63	NP	616.43
MW-3	5/3/2024	625.6	631.47	5.92	NP	15.32	NP	616.15
MW-4	5/3/2024	629.7	629.06	-0.66	NP	12.29	NP	616.77
MW-5	5/3/2024	630.1	632.34	2.29	NP	15.48	NP	616.86
MW-6	5/3/2024	628.3	632.85	4.51	NP	16.10	NP	616.75
MW-7	5/3/2024	626.8	632.60	5.82	NP	16.22	NP	616.38

Notes:

1. Overburden Wells surveyed on 7/18/2022
TOR = Top of riser
DTP = Depth to product
NP = No product
DTW = Depth to water
fb = feet below

ROUX

TABLE 6
SUMMARY OF REMEDIAL INVESTIGATION SUBSURFACE SOIL/FILL ANALYTICAL RESULTS

RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Parameter [1]	Unrestricted Use SCOs [2]	TP-1 2-3'	TP-2 1-2'	TP-3 2-4'	TP-4 1-2'	TP-5 2-3'	TP-6 1-2'	TP-7 2-3'	TP-8 3-4'	TP-9 2-3'	TP-10 0.5-2'	TP-11 1-2'	TP-12 1-2'	TP-14 1-2'	TP-15 0.5-1'	TP-16 1-2'	TP-17 1-3'	TP-18 2-3'	TP-19 3-4'	TP-20 SS-01 0-1'	TP-20 1-3'	TP-20 4-6'	TP-20 2-3'	TP-22 1- 2'	MW-1 4-7'	MW-1 10-12'	MW-2 4-5'	MW-3 5-6'	MW-4 5-6'	MW-5 5-8'	MW-6 5-8'	MW-7 4-8'
		3/22/24		1/19/24		3/22/24					3/25/24			3/13/24				3/7/24		1/11/24			3/5/24	3/7/24	3/18/24						3/20/24	
Volatile Organic Compounds (VOCs) - mg/kg																															
1,2-Dichloroethane	**0.02**	ND	--	--	--	--	ND	ND	0.018	--	ND	ND	ND	ND	--	--	ND	--	--	--	--	--	--	ND	--	--	ND	--	ND	ND	ND	ND
1,2,4-Trimethylbenzene	**5.9**	ND	--	--	--	--	ND	ND	ND	--	ND	0.0013 J	ND	ND	--	--	ND	--	--	--	--	--	--	ND	--	--	ND	--	ND	ND	ND	ND
1,3,5-Trimethylbenzene	**3.1**	ND	--	--	--	--	ND	ND	ND	--	ND	0.053	ND	ND	--	--	ND	--	--	--	--	--	--	ND	--	--	ND	--	ND	ND	ND	ND
2-Butanone (MEK)	**0.1**	ND	--	--	--	--	ND	ND	ND	--	ND	ND	ND	ND	--	--	ND	--	--	--	--	--	--	0.01 J	--	--	ND	--	ND	ND	ND	ND
Acetone	**0.03**	0.0091 J	--	--	--	--	ND	0.0098	0.0046 J	--	ND	ND	ND	ND	--	--	ND	--	--	--	--	--	--	**0.056**	--	--	ND	--	ND	0.015	ND	ND
Chloroform	**0.37**	ND	--	--	--	--	ND	ND	ND	--	0.00022 J	0.00018 J	ND	ND	--	--	ND	--	--	--	--	--	--	ND	--	--	ND	--	ND	ND	ND	ND
cis-1,2-Dichloroethene	**0.19**	ND	--	--	--	--	ND	ND	0.003	--	ND	ND	ND	ND	--	--	ND	--	--	--	--	--	--	ND	--	--	ND	--	ND	ND	ND	ND
Cyclohexane	**--**	ND	--	--	--	--	ND	ND	ND	--	ND	ND	ND	ND	--	--	ND	--	--	--	--	--	--	0.0012 J	--	--	ND	--	ND	ND	ND	ND
Isopropylbenzene (Cumene)	**--**	ND	--	--	--	--	ND	ND	ND	--	ND	0.00057 J	ND	ND	--	--	ND	--	--	--	--	--	--	ND	--	--	ND	--	ND	0.00063 J	ND	ND
p-Isopropyltoluene	**--**	ND	--	--	--	--	ND	ND	ND	--	ND	0.017	ND	ND	--	--	ND	--	--	--	--	--	--	ND	--	--	ND	--	ND	0.00033 J	ND	ND
n-Butylbenzene	**18**	ND	--	--	--	--	ND	ND	ND	--	ND	0.016	ND	ND	--	--	ND	--	--	--	--	--	--	ND	--	--	ND	--	ND	ND	ND	ND
n-Propylbenzene	**5**	ND	--	--	--	--	ND	ND	ND	--	ND	0.0012 J	ND	ND	--	--	ND	--	--	--	--	--	--	ND	--	--	ND	--	ND	ND	ND	ND
sec-Butylbenzene	**25**	ND	--	--	--	--	ND	ND	ND	--	ND	0.0055	ND	ND	--	--	ND	--	--	--	--	--	--	ND	--	--	ND	--	ND	0.0023	ND	ND
Tetrachloroethene	**1.3**	ND	--	--	--	--	0.00092	ND	ND	--	ND	0.0003 J	ND	ND	--	--	ND	--	--	--	--	--	--	ND	--	--	ND	--	ND	ND	ND	ND
trans-1,2-Dichloroethene	**0.19**	ND	--	--	--	--	ND	ND	0.00058 J	--	ND	ND	ND	ND	--	--	ND	--	--	--	--	--	--	ND	--	--	ND	--	ND	ND	ND	ND
Trichloroethene	**0.47**	ND	--	--	--	--	ND	ND	ND	--	0.0007	0.029	0.00056	ND	--	--	ND	--	--	--	--	--	--	ND	--	--	ND	--	ND	ND	ND	ND
Xylenes, Total	**0.26**	ND	--	--	--	--	ND	ND	ND	--	ND	0.0014	ND	ND	--	--	ND	--	--	--	--	--	--	0.00075 J	--	--	ND	--	ND	ND	ND	ND
Total TICs	**--**	0.00424 J	--	--	--	--	ND	0.00355 J	0.00324 J	--	0.0036 J	0.908 J	0.00282	0.00274 J	--	--	0.00249 J	--	--	--	--	--	--	0.0448 J	--	--	0.00246 J	--	0.0028 J	0.492 J	ND	ND
Semi-Volatile Organic Compounds (SVOCs) - mg/kg																															
2,3,4,6-Tetrachlorophenol	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.041 J	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	**--**	ND	ND	ND	0.86 JD	ND	ND	0.98 JD	ND	ND	ND	0.14 J	0.29	0.27	0.13 J	2.6	1	ND	ND	1.1 J	--	ND	7.2 D	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methlphenol	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.043 J	ND	0.055 J	ND	ND	ND	ND	--	ND	0.49 JD	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Methylphenol/4-Methylphenol	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.14 J	ND	0.12 J	0.099 J	ND	ND	ND	--	ND	1.70 JD	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	**20**	ND	ND	ND	5.8 D	ND	ND	4.6 D	ND	ND	ND	ND	0.057 J	0.22	ND	ND	5	ND	ND	3.2	--	ND	16 D	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	**100**	ND	ND	ND	0.40 JD	ND	ND	ND	0.047 J	ND	ND	ND	ND	1	ND	0.16	0.59	ND	ND	ND	--	ND	6.2 D	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.28	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	**100**	ND	ND	ND	9.5 D	ND	ND	6.9 D	ND	ND	ND	ND	0.099 J	1.3	ND	0.17	6.7	ND	ND	5.8	--	ND	31 D	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzaldehyde	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.76	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	**1**	ND	0.024 J	ND	**27 D**	ND	ND	**11 D**	0.034 J	ND	ND	0.064 J	0.22	**3.3**	0.03 J	0.54	**24 D**	ND	ND	**14 D**	--	ND	**71 D**	0.041 J	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	**1**	ND	ND	ND	**27 D**	ND	ND	**9.4 D**	1	ND	ND	0.058 J	0.23	**3.2**	ND	0.4	**20 D**	ND	ND	**12 D**	--	ND	**69 D**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	**1**	ND	ND	ND	**37 D**	ND	ND	**12 D**	0.55	ND	ND	0.076 J	0.26	**3.9**	ND	0.54	**27 D**	ND	ND	**15 D**	--	ND	**100 D**	0.036 J	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	**0.64**	0.21	ND	ND	**10 D**	0.069 J	0.048 J	**4.6 D**	**2.8**	ND	ND	0.032 J	0.13 J	**1.9**	ND	0.26	**7.5**	ND	ND	**6.2**	--	ND	**43 D**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	**0.8**	ND	ND	ND	**10 D**	ND	ND	**3.7 D**	0.14	ND	ND	ND	0.088 J	**1.4**	ND	0.16	**4.1 D**	ND	ND	**4.2 D**	--	ND	**21 D**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Biphenyl	**--**	ND	ND	ND	0.28 JD	ND	ND	0.28 JD	ND	ND	ND	ND	ND	0.089 J	ND	0.3 J	0.28 J	ND	ND	0.28 J	--	ND	1.8 JD	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	**--**	ND	ND	ND	ND	ND	ND	0.45 JD	ND	ND	ND	ND	ND	ND	ND	ND	0.16 J	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	**--**	ND	ND	ND	0.54 JD	ND	ND	0.61 JD	ND	ND	ND	ND	ND	ND	ND	ND	0.17 J	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Caprolactam	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	**--**	ND	ND	ND	6.7 D	ND	ND	3.6 D	ND	ND	ND	ND	0.048 J	0.78	ND	0.11 J	4.5	ND	ND	3.4	--	ND	21 D	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	**1**	ND	ND	ND	**27 D**	ND	ND	**8.9 D**	0.026 J	ND	ND	0.063 J	0.21	**3**	0.035 J	0.64	**22 D**	ND	ND	**13 D**	--	ND	**67 D**	0.037 J	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	**0.33**	0.14	ND	ND	**2.3 D**	0.026 J	ND	**1.3 D**	**0.78**	ND	ND	ND	0.045 J	**0.45**	ND	0.083 J	**1.9 D**	ND	ND	**1.6 JD**	--	ND	**10 D**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	**2.1**	ND	ND	ND	**2.4 D**	ND	ND	**2.3 JD**	ND	ND	ND	0.028 J	0.088 J	0.54	0.03 J	0.66	**2.5**	ND	ND	1.8 J	--	ND	**12 D**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	**--**	ND	ND	ND	ND	ND	ND	0.61 JD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	**85**	ND	0.035 J	ND	55 D	ND	ND	23 D	0.023 J	ND	ND	0.13	0.46	6.7	0.036 J	0.74	46 D	ND	ND	28	--	ND	**200 D**	0.072 J	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	**30**	ND	ND	ND	3.5 D	ND	ND	3.6 D	0.035 J	ND	ND	0.02 J	0.056 J	0.64	ND	0.1 J	3.7	ND	ND	3.1	--	ND	16 D	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	**0.5**	0.16	ND	ND	**10 D**	0.037 J	ND	**5.1 D**	**2.2**	ND	ND	0.031 J	0.1 J	**1.9**	ND	0.22	**12 D**	ND	ND	**7.9 JD**	--	ND	**46 D**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	**12**	ND	ND	ND	2 D	ND	ND	3.2 D	0.039 J	ND	ND	0.076 J	0.35	0.67	0.092 J	1.7	2.7	ND	ND	3.9	--	ND	**24 D**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.25	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	**1.1**	ND	ND	ND	**44 D**	ND	ND	**22 D**	0.03 J	ND	ND	0.12	0.4	**5.5**	0.097 J	**1.8**	**41 D**	ND	ND	**23**	--	ND	**160 D**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	**0.33**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.11 J	ND	0.049 J	0.059 J	ND	ND	ND	--	ND	**1.1 JD**	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	**64**	ND	0.03 J	ND	43 D	ND	ND	17 D	0.022 J	ND	ND	0.1 J	0.38	5.7	0.034 J	0.75	36 D	ND	ND	21	--	ND	**160 D**	0.62 J	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs	**--**	0.5	0.09	ND	323.42	0.132	0.05	145.13	7.73	ND	ND	ND	ND	42.75	0.48	13.20	269.21	ND	ND	167.4	--	ND	1085.49	0.806	ND	ND	ND	ND	ND	ND	ND	ND
Total TICs	**--**	ND	0.004 J	ND	47.2 JD	ND	ND	29.2 JD	ND	ND	ND	16.4 J	0.191 J	12.9 J	ND	15 J	47.3 J	ND	ND	34 J	--	ND	206 J	0.186 J	0.48 J	ND	ND	ND	ND	ND	ND	ND
Metals - mg/kg																															
Aluminum	**--**	5890	4260	6740	9480	8940	1600	10200	9260	10300	--	8540	6990	--	15900	5780	3340	12400	15200	6590	--	5810	14300	15500	10400	2960	4330	4180	8350	5190	6580	6540
Antimony	**--**	ND	ND	ND	1.49 J	ND	0.372 J	ND	ND	ND	--	0.872 J	ND	--	ND	ND	ND	ND	1.07 J	2.71 J	--	ND	ND	0.976 J	0.906 J	ND	ND	ND	ND	ND	ND	ND
Arsenic	**13**	3.17	4.73	4.69	6.31	3.22	1.65	5.79	2.83	6.7	--	8.02	4.41	--	10	9.27	4.96	4.83	4.51	**15.6**	--	5.42	11.1	3.78	6.71	1.9	2.26	2.94	2.41	2.81	2.76	3.4
Barium	**410**	57.2	60.3	69.6	96.6	88	18.4	80.2	76.3	116	--	96.8	68.8	--	321	58	56.3	115	119	160	--	74	173	125	86.6	58	43.1	37.1	78.6	44.6	61.9	53.6
Beryllium	**4.4**	0.298 J	ND	0.364 J	0.561 J	0.431 J	0.096 J	0.933 J	0.439 J	0.498 J	--	0.47 J	0.351 J	--	3.23	0.445 J	0.226 J	0.51 J	0.719 J	0.395 J	--	0.331 J	0.706 J	0.713 J	0.485	0.159 J	0.234 J	0.216 J	0.398 J	0.325 J	0.335 J	0.329 J
Cadmium	**2.5**	ND	ND	ND	1.16 J	ND	ND	0.239 J	ND	ND	--	0.754 J	ND	--	ND	ND	1.16 J	0.679 J	0.702 J	1.84	--	0.12 J	0.714 J	0.583 J	ND	0.193 J	ND	ND	ND	ND	ND	ND
Calcium	**--**	71900	117000	64200	41100	80300	2130	108000	80400	79900	--	66600	61200	--	77500	9140	108000	41000	54400	22500	--	69700	28900	28700	39600	62800	67800	69200	77800	59600	62000	62800
Chromium	**30**	9.26	9.08	12.3	25	13.3	4.49	14.1	13	15	--	17.2	13.1	--	6.57	15.8	14	19.3	22.8	13.9	--	10.5	20.5	22.7	14.8	6.1	7.45	6.88	13.4	10.6	13.3	13
Cobalt	**--**	4.88	3.65 J	7.45	8.29	7.76	1.35 J	4.84	6.35	8.32	--	9.31	7.65	--	3.4 J	2.89 J	3.33 J	11.4	13.1	6.55	--	8.67	9.58	9.86	8.58	2.59 J	3.95	3.16 J	6.71	5.48	6.76	6.84
Copper	**50**	12.5	13.9	12.9	37.4	16.1	31.4	20.8	15.9	20.3	--	35.2	18.7	--	22.6	12.1	24	19.4	21.3	**78.4**	--	13.4	**50.8**	18.4	18.7	9.87	9.78	8.79	15.2	13.6	15	15.6
Iron	**--**	13900	9720	13800	13900	18300	7670	17600	17900	22200	--	27500	18200	--	22700	28800	7340	21900	25400	18500	--	12900	27400	23400	22700	8680	10900	11200	16600	11900	14100	14100
Lead	**63**	13	**161**	15.4	**391**	15.2	13.8	23.8	15	13.8	--	**69.1**	23.5	--	11.9 J	3.5 J	**1840**	**121**	16.3	**420**	--	21.1	**171**	12.3	44	9.86	11.9	11.9	15	13.8	13.9	13.6
Magnesium	**--**	28800	13800	26300	10600	28000	839	21700	26400	25600	--	20700	21600	--	9560	1200	12500	10300	17700	8080	--	32500	13300	11300	11000	25800	27100	29000	24900	27400	26500	27900
Manganese	**1,600**	463	244	394	300	553	137	756	488	490	--	655	422	--	815	86.6	255	516	555	259	--	546	649	320	364	305	373	363	505	399	414	428
Nickel	**30**	10.5	10 J	15.1	20.7	16.9	10.1	18.5	14.7	19.2	--	20.7	16.7	--	9.96	8.27	7.49	21.5	28.3	15.1	--	16.3	24.9	25.5	19.8	6.01	8.57	7.4	15.3	12.7	16	15.9
Potassium	**--**	887	684 J	1100	1270	1280	206 J	1200	1400	1460	--	1460	1050	--	1590	1200	549 J	1460	1870	748	--	1080	1540	1640	866	536	774	677	1340	884	1000	1160
Selenium	**3.9**	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	--	0.797 J	ND	ND	ND	ND	0.862 J	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.915 J	ND
Silver	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	--	ND	ND	1.96	ND	ND	ND	--	ND	0.802 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	**--**	269	152 J	225	691	199 J	366	489	220 J	205 J	--	244 J	131 J	--	519	250 J	182 J	273 J	281 J	98.1 J	--	146 J	291 J	125 J	80.4 J	121 J	145 J	133 J	182 J	149 J	137 J	161 J
Thallium	**--**	ND	ND	ND	ND	0.594 J	ND	ND	0.576 J	0.811 J	--	ND	ND	--	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	0.378 J	ND	0.567 J	ND	0.608 J	ND	1.09 J	ND
Vanadium	**--**	15.9	11.2	16.8	20	19.3	1.92	13.4	19.2	23.3	--	24.3	20.5	--	13.3	11.6	11.8	23.2	29	17.8	--	15.9	29.1	26.9	20.1	11	12.5	13.2	18.2	15.4	18.3	18.7
Zinc	**109**	61.7	**172**	68.9	**339**	60.4	15.9	57.2	57.4	57.6	--	**210**	67.2	--	35.7	7.01 J	**469**	102	70.4	**543**	--	71.7	**235**	72.8	72.5	82.5	59.9	42	75.8	64	62.4	64.2
Mercury	**0.18**	0.073	0.139	ND	**1.22**	ND	ND	0.071 J	ND	ND	--	ND	ND	--	ND	0.121	**0.762**	0.079 J	ND	**0.312**	--	ND	0.138	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides - mg/kg																																
Pesticides were not detected at concentrations above laboratory detection limits																																
Herbicides - mg/kg																																
Herbicides were not detected at concentrations above laboratory detection limits																																
Polychlorinated Biphenyls (PCBs) mg/kg																																
PCB-1248	**--**	ND	--	ND	--	--	ND	0.0306 J	ND	--	--	--	ND	--	ND	--	--	ND	--	ND	ND	ND	--	ND	ND	ND	--	--	ND	ND	--	ND
PCB-1254	**--**	ND	--	ND	--	--	ND	0.0343 J	ND	--	--	--	ND	--	ND	--	--	ND	--	ND	ND	ND	--	ND	0.00983 J	ND	--	--	ND	ND	--	ND
Total PCBs	**0.1**	ND	--	ND	--	--	ND	0.0649 J	ND	--	--	--	ND	--	ND	--	--	ND	--	ND	ND	ND	--	ND	0.00983 J	ND	--	--	ND	ND	--	ND
Perfluorinated Alkyl Acids - ng/g																																
Perfluoroheptanoic Acid (PFHpA)	**--**	ND	--	--	--	--	--	--	ND	--	--	--	0.031 J	--	--	--	--	--	--	ND	ND	ND	--	--	ND	ND	--	--	--	ND	--	ND
Perfluorooctanoic Acid (PFOA)	**0.66**	ND	--	--	--	--	--	--	ND	--	--	--	0.060 J	--	--	--	--	--	--	0.355	0.289	ND	--	--	0.058 J	ND	--	--	--	ND	--	ND
Perfluoroheptanesulfonic Acid (PFHpS)	**--**	ND	--	--	--	--	--	--	ND	--	--	--	ND	--	--	--	--	--	--	ND	ND	ND	--	--	0.043 J	ND	--	--	--	ND	--	ND
Perfluorooctanesulfonic Acid (PFOS)	**0.88**	ND	--	--	--	--	--	--	ND	--	--	--	0.184 J	--	--	--	--	--	--	**1.26**	**1.51**	ND	--	--	**6.93**	ND	--	--	--	ND	--	ND

Notes:
1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compouNDs were reported as non-detect.
2. Values per NYSDEC Part 375 Soil Cleanup Objectives (SCOs) .
3. Sample results were reported by the laboratory in micrograms per kilogram (ug/kg) aND converted to milligram per kilogram (mg/kg) for comparison to SCOs.

Definitions:
ND = Parameter not detected above laboratory detection limit.
NA = Sample not analyzed for parameter.
"--" = No SCO available.
D = Concentration of analyte was quantified from diluted analysis.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.
B = CompouND was fouND in the blank aND sample.
F1 = MS aND/or MSD Recovery is outside acceptance limits.
F2 = MS/MSD RPD exceeds control limits.

= Result exceeds Unrestricted Use SCOs

TABLE 7
SUMMARY OF RI GROUNDWATER ANALYTICAL RESULTS
RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Parameters [1]	Class GA GWQS/GV[2,3]	Sample Location												
		MW-1	MW-2		MW-3		MW-4		MW-5		MW-6		MW-7	
		4/1/2024	4/1/2024	5/23/2024	4/1/2024	5/23/2024	4/1/2024	5/23/2024	4/4/2024	7/10/2024	4/4/2024	7/10/2024	4/4/2024	7/10/2024
Volatile Organic Compounds (VOCs) - ug/L														
1,1-Dichloroethene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10**	ND	ND
2-Butanone	**50**	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	ND	3.6 J
1,1-Dichloroethane	**5**	ND	1.8 J	1.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	**0.6**	ND	ND	ND	ND	ND	0.15 J	ND	0.2 J	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	**50**	ND	ND	5.4	**54**	24	4.6 J	ND	4.5 J	ND	ND	ND	31	3.3 J
Benzene	**1**	ND	ND	ND	ND	ND	**1.6**	0.27 J	0.29 J	0.18 J	ND	ND	ND	ND
Bromomethane	**5**	ND	ND	ND	ND	ND	ND	ND	ND	**6.4**	ND	ND	ND	ND
Cyclohexane	**--**	ND	ND	1.2 J	ND	ND	ND	ND	0.65 J	ND	ND	ND	ND	ND
Methyl tert butyl ether (MTBE)	**10**	ND	2.7	2.5	ND	ND	4.1	1.3 J	ND	ND	ND	ND	ND	ND
Methyl cyclohexane	**--**	ND	ND	1.3 J	ND	1.3 J	ND	ND	1.1 J	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	**5**	ND	ND	ND	ND	ND	**11**	1.2 J	ND	ND	**1,300**	**1,600**	ND	ND
Toluene	**5**	ND	ND	ND	ND	ND	ND	ND	0.71 J	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	**5**	ND	ND	ND	ND	ND	2.5	ND	ND	ND	**49 J**	**53**	ND	ND
Trichloroethene	**5**	ND	ND	ND	ND	ND	2.7	1	**7.2**	**9.1**	**3,300**	**3,000**	1.6	0.92
Vinyl Chloride	**2**	ND	ND	ND	ND	ND	0.6 J	0.22 J	ND	ND	**79**	**94**	ND	ND
Total TICs	**--**	ND	ND	1.01 J	1.85 J	ND	ND	ND	4.89 J	15.1 J	ND	ND	1.23 J	1.50 J
Semivolatile Organic Compounds (SVOCs) - ug/L														
2-Methylnaphthalene	**--**	ND	ND	ND	ND	ND	ND	ND	0.02 J	ND	ND	ND	ND	ND
3-Methylphenol/4-methylphenol*	**5**	ND	ND	ND	ND	2.3 J	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	**20**	ND	ND	ND	ND	ND	ND	ND	0.02 J	ND	ND	ND	ND	ND
Acetophenone	**--**	ND	ND	ND	ND	ND	ND	ND	0.02 J	ND	ND	ND	ND	ND
Anthracene	**50**	ND	ND	ND	ND	0.03 J	ND	ND	0.02 J	ND	ND	ND	ND	ND
Benzo(a)anthracene	**0.002**	ND	ND	ND	**0.02 J**	ND	ND	ND	**0.04 J**	ND	ND	ND	ND	ND
Benzo(a)pyrene	**0**	ND	ND	ND	ND	ND	ND	ND	**0.03 J**	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	**0.002**	ND	ND	ND	ND	ND	ND	**0.04 J**	**0.05 J**	ND	ND	ND	ND	ND
Benzo(ghi)perylene	**--**	ND	ND	ND	ND	ND	ND	ND	0.02 J	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	**0.002**	ND	ND	ND	ND	ND	ND	ND	**0.02 J**	ND	ND	ND	ND	ND
Chrysene	**0.002**	ND	ND	ND	ND	ND	ND	ND	**0.03 J**	ND	ND	ND	ND	ND
Fluoranthene	**50**	ND	ND	ND	0.06 J	0.03 J	0.04 J	0.09 J	0.09 J	ND	ND	ND	ND	ND
Fluorene	**50**	ND	ND	ND	ND	ND	ND	ND	0.02 J	ND	ND	ND	ND	ND
Hexachlorobenzene	**0.04**	ND	ND	ND	ND	0.04 J	ND	ND	0.01 J	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	**0.002**	ND	ND	ND	ND	ND	ND	ND	**0.02 J**	ND	ND	ND	ND	ND
Naphthalene	**10**	0.08 J	ND	ND	0.06 J	ND	ND	ND	0.06 J	ND	ND	ND	ND	ND
Pentachlorophenol	**1**	ND	ND	0.08 J	0.16 J	0.08 J	ND	ND	ND	ND	ND	ND	0.03 J	ND
Phenanthrene	**50**	0.03 J	ND	ND	0.04 J	ND	0.04 J	0.07 J	0.07 J	ND	ND	ND	ND	ND
Pyrene	**50**	ND	ND	ND	0.05 J	ND	0.03 J	0.06 J	0.07 J	ND	ND	ND	ND	ND
Phenol	**1**	ND	ND	ND	ND	1.1 J	ND	**1.20 J**	ND	ND	ND	ND	ND	ND
Total TICs	**--**	34.6 J	45.5 J	16.3 J	87.7 J	32.8 J	67.6 J	36.8 J	34.4 J	ND	21.9 J	140 J	108 J	4 J
Total Metals - ug/L [4]														
Aluminum	**--**	3.27 J	ND	8.85 J	7 J	9.84 J	3.87 J	11.7	8.02 J	12.3	ND	10.9	6.25 J	22.4
Antimony	**3**	ND	0.76 J	0.48 J	1.114 J	0.630 J	ND	ND	ND	ND	ND	1.24 J	ND	0.43 J
Arsenic	**25**	1.84	1.44	2.28	5.63	0.95 J	3.26	1.48	1.74	0.55	8.02	3.73	5.4	4.05
Barium	**1000**	122.2	70.04	69.55	175.8	110.4	59.51	63.35	45.68	59.62	137.5	106.1	101.6	90.55
Calcium	**--**	161,000	49,900	49,300	39,300	33,300	35,000	32,200	135,000	148,000	125,000	86,100	54,400	37,900
Chromium	**50**	ND	ND	ND	0.2 J	ND	ND	ND	0.31 J	ND	0.21 J	ND	0.35 J	ND
Cobalt	**--**	0.56	0.16 J	0.16 J	1	ND	ND	ND	ND	ND	0.17 J	ND	0.38 J	ND
Copper	**200**	0.66 J	0.87 J	0.64 J	0.62 J	ND	0.42 J	ND	0.59 J	0.42 J	ND	ND	0.40 J	ND
Iron	**300**	24.2 J	ND	34.4 J	218	27.2 J	ND	32.1 J	**1,070**	24.6	**1,360**	99.7	178	21.9 J
Lead	**25**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.37 J	ND	ND
Magnesium	**35000**	**36,600**	**73,500**	**68,600**	**62,100**	**51,600**	30,300	20,800	**54,600**	**94,700**	**154,000**	**89,900**	**81,400**	**58,100**
Manganese	**300**	105.1	46.95	30.33	140.8	22.47	20.02	12.64	66.6	41.86	35.67	26.6	47.31	35.9
Mercury	**0.7**	ND	ND	ND	ND	ND	ND	ND	ND	0.11 J	ND	0.11 J	ND	0.11 J
Nickel	**100**	1.12 J	ND	0.57 J	1.71 J	ND	0.9 J	0.8 J	0.64 J	0.69 J	2.67	2.8	ND	ND
Potassium	**--**	8190	5400	4030	5560	3820	2130	1,580	10400	5720	4320	3220	4650	2100
Sodium	**20000**	18,900	**52,600**	**51,300**	**24,500**	**20,800**	**62,200**	**53,900**	**395,000**	**46,000**	**238,000**	**414,000**	**674,000**	**50,300**
Thallium	**0.5**	ND	ND	ND	ND	ND	ND	0.26 J	ND	ND	ND	ND	ND	ND
Zinc	**2000**	6.02 J	ND	ND	5.38 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides - ug/L														
4,4'-DDT	**0.2**	ND	ND	ND	ND	ND	ND	ND	0.021 JIP	ND	ND	ND	ND	ND
Total Pesticides	**--**	ND	ND	ND	ND	ND	ND	ND	0.021	ND	ND	ND	ND	ND
Herbicides - ug/L														
Herbicides were not detected at concentrations above laboratory detection limits														
Polychlorinated Biphenyls - ug/L														
PCBs were not detected at concentrations above laboratory detection limits														
Perfluorinated Alkyl Acids - ng/L														
Perfluorobutanoic acid (PFBA)	**--**	1.22 J	1.11 J	1.63 J	1.72 J	2.02 J	6.83	8.52	9.16	4.04 J	3.28 J	4.02 J	7.45	5.96
Perfluoropentanoic acid (PFPeA)	**--**	1.29 J	2.30 J	1.76 J	2.26 J	1.47 J	5.03	6.42	12.20	0.91 J	ND	1.56 J	3.50	4.16
Perfluorobutanesulfonic acid (PFBS)	**--**	0.535 J	ND	ND	ND	ND	0.838 J	0.925 J	ND	ND	ND	ND	ND	ND
Perfluorohexanoic acid (PFHxA)	**--**	1.75	1.42 J	0.804 J	2.07	1.33 J	5.09	6.89	7.38	0.531 JF	ND	0.781 J	2.91	1.69
Perfluoroheptanoic acid (PFHpA)	**--**	0.968 J	0.469 JF	ND	0.602 JF	0.298 J	3.29	5.23	2.04	ND	ND	ND	0.567 J	0.359 J
Perfluorooctanoic acid (PFOA)	**6.7**	3.92	1.43 J	ND	1.19 J	0.789 J	3.38	4.68	ND	ND	ND	ND	0.675 J	ND
Perfluorooctanesulfonic acid (PFOS)	**2.7**	ND	ND	ND	ND	1.06 J	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
1. Only parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC TOGS 1.1.1 Class GA Groundwater Quality Standards/Guidance Values (GWQS/GV).
3. Values per NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substance (PFAS) Under NYSDEC's Part 375 Remedial Programs (April 2023).
4. Total Metals for MW-2, MW-3, and MW-4 represent the dissolved metals concentrations for the samples dated 5/28/2024.

Qualifiers:
ND = Parameter not detected above laboratory detection limit.
-- = No GWGS/GV or NYSDEC Action Level available, or parameter not analyzed for.
F = The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
I = The lower value for the two columns has been reported due to obvious interference.
J = Estimated Value - Below calibration range.
P = The RPD between the results for the two columns exceeds the method-specified criteria.
BOLD = Result exceeds GWQS/GV

TABLE 8
SUMMARY OF RI SOIL VAPOR AND OUTDOOR AIR SAMPLE ANALYTICAL RESULTS
REMEDIAL INVESTIGATION/INTERIM REMEDIAL MEASURES/ALTERNATIVES ANALYSIS REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Parameter	Sample Location & Sample Date						
	SV-02	SV-03	SV-04	SV-06	SV-07	SV-08	OA-01
	3/29/2024						
Volatile Organic Compounds (VOCs, ug/m3)							
1,1,1-Trichloroethane (Matrix B)	ND	12.1	1.74	ND	ND	ND	ND
1,1-Dichloroethane	51 D J	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene (Matrix A)	11.3 D J	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene (Matrix D)	ND	ND	ND	6.83	4.07	9.29	ND
1,3,5-Trimethylbenzene	ND	ND	ND	4.15	1.17	2.76	ND
2-Butanone (MEK)	ND	ND	1.8	ND	14.5	ND	ND
2-Hexanone	ND	ND	ND	ND	2	ND	ND
2,2,4-Trimethylpentane	37.8 D J	1.07	ND	ND	ND	ND	ND
4-Ethyltoluene	ND	ND	ND	3.29	ND	1.46	ND
4-Methyl-2-pentanone	ND	ND	ND	ND	3.33	ND	ND
Acetone	31.4 D J	4.75	30.2	10.2	32.8	10.9	3.49
Benzene (Matrix D)	2 D J	0.722	ND	ND	ND	0.728	ND
Carbon Disulfide	4.4 D J	1.57	1.07	ND	21.1	ND	ND
Chloroform	ND	ND	25.1	ND	1.87	ND	ND
Chloromethane	1.6 D J	ND	ND	1.33	0.644	1.34	0.902
Cyclohexane (Matrix D)	11.1 D J	6.02	ND	ND	1.69	ND	ND
Dichlorodifluoromethane	3.4 D J	1.83	24.4	2.19	4.28	2.33	1.97
Ethanol	32.8 D J	ND	ND	9.97	61	16.2	ND
Ethyl Acetate	4.2 D J	ND	ND	ND	279	28.3	ND
Ethylbenzene (Matrix D)	ND	ND	ND	ND	1.79	ND	ND
Heptane (Matrix E)	214 D J	ND	ND	ND	ND	ND	ND
Isopropanol	ND	ND	ND	ND	7.6	1.7	ND
m&p-Xylene (Matrix E)	ND	ND	ND	2.36	6.34	4.16	ND
Methylene chloride (Matrix B)	ND	ND	ND	ND	5.35	12.3	ND
Naphthalene	ND	ND	ND	5.4	2.58	ND	ND
n-Hexane (Matrix E)	44.1 D J	0.863	ND	ND	39.5	ND	ND
o-Xylene (Matrix D)	ND	ND	ND	2.81	2.68	2.42	ND
Tetrachloroethene (Matrix B)	ND	3.15	37.5	ND	ND	ND	ND
Tetrahydrofuran	ND	ND	ND	ND	31.3	4.9	ND
Toluene (Matrix F)	ND	ND	0.791	ND	285	1.28	ND
Total Xylenes	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (Matrix A)	ND	ND	5.86	ND	ND	1.22	ND
Trichlorofluoromethane	ND	ND	427	1.24	18.5	ND	ND

Notes:
1. Only those parameters detected above the method detection limit, at a minimum of one location, are presented in this table.
2. NYSDOH Soil Vapor/ Indoor Air Quality Standards - (Matrices A-F revised February 2024)
3. It should be noted that the laboratory analytical report indicates that samples SV-01 and SV-05 failed to collected; therefore, the analysis of these samples was cancelled.

Definitions:
ND = Parameter not detected above laboratory detection limit.

ROUX

TABLE 9
SUMMARY OF UTILITY CUT IRM POST EXCAVATION SOIL/FILL ANALYTICAL RESULTS

RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Parameter [1]	Unrestricted Use SCOs[2]	Sub-Surface Soil Sample Locations												
		B-4 (6')	B-5 (6')	B-6/6r [4] (6-7')	B-7 (7')	B-8 (7')	B-9 (2-3')	EW-1 (1-2')	NW-4 (4-6')	NW-5 (3-4')	NW-6 (3-4')	NW-7 (4-6')	NW-8 (4-6')	NW-9 (1-2')
		3/5/24	1/18/24		3/4/24		1/18/24		3/5/24	1/18/24		3/4/24		1/18/24
Polycyclic Aromatic Hydrocarbons (PAHs) - mg/kg														
PAHs Were not detected at concentrations above laboratory detection limits														
Metals - mg/kg														
Aluminum	--	7300	9670	13600	8100	7460	9710	9040	13000	15700	18700	8190	9440	15400
Antimony	--	ND	ND	0.349 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	**13**	2.57	5.33	11.1	4.43	3.78	5.01	4.44	6.65	7.72	9	2.07 J	4.8	6.32
Barium	**410**	73.8	86.7	107	81.2	66.4	86.2	83.9	123	130	126	79.8	85.4	127
Beryllium	**7.2**	0.335 J	0.474	0.694	0.393 J	0.369 J	0.446 J	0.437 J	0.654 J	0.762	0.927	0.405 J	0.512	0.762
Calcium	--	78400	64700	50000	72500	75200	73400	69900	53300	49500	9320	82900	76600	40800
Chromium	**30**	12.4	16.2	23.2	12.4	11.4	16.3	15.7	20	24.1	28.3	15	14.4	24.8
Cobalt	--	6.15	11.3	11.1	6.29	5.91	9.92	8.36	9.38	12.2	16.5	4.89	9.01	14.8
Copper	**50**	15.5	16.3	22.8	14.3	13.5	14.8	14.4	20.3	23.4	20.7	10.7	19.1	21.3
Iron	--	16600	18800	25800	16600	15400	18600	17700	24800	26600	37200	16200	19900	27000
Lead	**63**	16	16.4	16.8	13.8	13.1	16.7	15.9	10.7 J	14.1	15.6	14.5	14.7	12.3
Magnesium	--	29900	24000	18400	26000	26500	26300	23800	17100	16700	11600	28300	24200	13700
Manganese	**1,600**	459	560	344	460	456	496	419	417	486	460	426	585	532
Nickel	**30**	12.6	23.4	15.4	16.2	13.2	21.2	18.7	25.2	**31.4**	**36**	14.2	20.4	**33.2**
Potassium	--	1340	1390	1940	1440	1300	1550	1380	1430	1820	2110	1010	994	1860
Selenium	**3.9**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	--	194 J	195	224	189 J	166 J	192	151 J	206 J	179 J	165 J	160 J	139 J	194 J
Thallium	--	ND	0.311 J	ND	ND	0.756 J	ND	ND	ND	ND	ND	ND	ND	0.386 J
Vanadium	--	20	23.3	33.2	18.5	17.9	23	21.4	26.3	30.4	37.6	16.8	21.6	32.6
Zinc	**109**	64.4	68.6	83.6	62.1	60.4	69.6	70.4	62.2	89.4	76.4	64.9	63.4	75.7
Mercury	**0.18**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Part 375 Soil Cleanup Objectives (SCOs) .
3. Sample results were reported by the laboratory in micograms per kilogram (ug/kg) and converted to milligram per kilogram (mg/kg) for comparison to SCOs.
4. Area overcut and resampled to achieve USCOs for nickel (B-6r).

Definitions:

ND = Parameter not detected above laboratory detection limit.
NA = Sample not analyzed for parameter.
"--" = No SCO available.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.

= Result exceeds Unrestricted Use SCOs

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TABLE 10
SUMMARY OF HYDRAULIC LIFTS 1 & 2 AREA IRM POST EXCAVATION SOIL/FILL ANALYTICAL RESULTS

RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Parameter [1]	Unrestricted Use SCOs [2]	Sub-Surface Soil Sample Locations							
		HL 1+2 B-1 (12.5')	HL 1+2 NW-1 (8-10')	HL 1+2 SW-1 (8-10')	HL 1+2 EW-1 [4] (8-10')	HL 1+2 WW-1 (8-10')	HL 1+2 PIPE 1 (4')	HL 1+2 PIPE 2 (4')	HL 1+2 PIPE 3 (5.5')
		4/9/24					4/11/24		
Volatile Organic Compounds (VOCs) - mg/kg									
1,1,1-Trichloroethane	**0.68**	ND	ND	ND	ND	0.00082	ND	ND	ND
1,1-Dichloroethane	**0.27**	0.00062 J	0.0006 J	ND	ND	0.00043 J	ND	ND	ND
1,2-Dichlorobenzene	**1.1**	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	**0.02**	0.0024	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	**--**	0.00019 J	ND	0.00065 J	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	**1.8**	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	**5.9**	ND	ND	ND	0.0051 J	ND	ND	ND	ND
1,3,5-Trimethylbenzene	**3.1**	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	**0.03**	0.0079 J	0.0091 J	0.0075 J	ND	0.0052 J	ND	ND	ND
Ethylbenzene	**1**	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	**--**	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	**--**	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	**18**	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	**5**	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	**--**	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	**0.26**	ND	ND	ND	ND	ND	ND	ND	ND
Semivolatile Organic Compounds (SVOCs) - mg/kg									
2-Methylnaphthalene	**--**	ND	ND	ND	0.5	ND	ND	ND	ND
Metals - mg/kg									
Aluminum	**--**	6320	7270	9730	8440	7240	--	--	--
Antimony	**--**	ND	ND	ND	0.976 J	ND	--	--	--
Arsenic	**13**	2.87	3.26	5.03	6.61	2.85	--	--	--
Barium	**410**	64.5	81.8	100	87.8	69.4	--	--	--
Beryllium	**4.4**	0.299 J	0.349 J	0.474 J	0.413 J	0.359 J	--	--	--
Cadmium	**2.5**	ND	ND	ND	ND	ND	--	--	--
Calcium	**--**	69800	74400	76300	79800	73500	--	--	--
Chromium	**30**	10.8	12	15.2	13.3	11.8	--	--	--
Cobalt	**--**	5.49	5.96	7.99	6.5	5.89	--	--	--
Copper	**50**	13.9	14.6	17.4	15.6	14	--	--	--
Iron	**--**	13700	15600	19700	17700	15300	--	--	--
Lead	**63**	13.1	13.7	13.6	14.6	13.3	--	--	--
Magnesium	**--**	29300	29500	28000	31400	28800	--	--	--
Manganese	**1,600**	412	451	514	444	442	--	--	--
Nickel	**30**	12.6	14	18.7	15.7	13.7	--	--	--
Potassium	**--**	1240	1370	1710	1580	1350	--	--	--
Selenium	**3.9**	ND	ND	ND	ND	ND	--	--	--
Silver	**2**	ND	ND	ND	ND	ND	--	--	--
Sodium	**--**	197 J	194 J	211 J	216 J	193 J	--	--	--
Thallium	**--**	ND	ND	ND	ND	ND	--	--	--
Vanadium	**--**	17	18.2	21.7	19.9	18.2	--	--	--
Zinc	**109**	62.7	64.7	67	61.5	65	--	--	--
Mercury	**0.18**	ND	ND	ND	ND	ND	--	--	--

Notes:
1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Part 375 Soil Cleanup Objectives (SCOs) .
3. Sample results were reported by the laboratory in micograms per kilogram (ug/kg) and converted to milligram per kilogram (mg/kg) for comparison to SCOs.
4. Area overcut to property boundary and resampled to achieve USCOs for VOCs.

Definitions:
ND = Parameter not detected above laboratory detection limit.
"--" = No SCO available.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.

= Result exceeds Unrestricted Use SCOs

ROUX

TABLE 11
SUMMARY OF FORMER NIGHT CLUB AREA IRM POST EXCAVATION SOIL/FILL ANALYTICAL RESULTS

RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Parameter [1]	Unrestricted Use SCOs[2]	NC B-1 (5.5')	NC B-2 (5.5')	NC B-3 (5.5')	NC B-4 (5.5')	NC B-5 (4')	NC B-6 (4')	NC B-7 (4')	NC B-8 (4')	NC B-9 (4')	NC B-10 (4')	NC B-11 (4')	NC B-12 (4')	NC B-13 (4')	NC B-14 (4')	NC B-15 (4')	NC B-16 (4')	NC B-17 (4')	NC B-18 (4')	NC B-19 (4')	NC B-20 (4')	NC B-21 (4')	NC B-22 (4')	NC B-23 (4')	NC B-24 (4')	NC NW-1 (2-3')	NC NW-2 (2-3')	NC NW-3 (2-3')	NC NW-4 (2-3')	NC SW-1 (3-4')	NC SW-2 (3-4')	NC SW-3 (2-3')	NC SW-4 (2-3')	NC SW-5 (2-3')	NC SW-6 (2-3')	NC SW-7 (2-3')	NC SW-8 (2-3')	NC EW-1 (3-4')	NC EW-2 (3-4')	NC EW-3 (3-4')	NC EW-4 (3-4')
		4/10/24						4/11/24		4/12/24		5/2/24												5/10/24		5/6/24		4/11/24			4/10/24			4/11/24	5/2/24			5/10/24	5/17/24	4/10/24		4/12/24	
Polycyclic Aromatic Hydrocarbons (PAHs) - mg/kg																																									
2-Methylnaphthalene	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.051 J	ND	ND	ND	ND	ND
Acenaphthene	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.041 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.53	0.069 J	ND	ND	ND	ND
Anthracene	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.054 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	0.12	ND	ND	ND	ND
Benzo(a)anthracene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.084 J	ND	ND	0.054 J	ND	ND	ND	ND	ND	0.041 J	ND	ND	ND	0.047 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.072 J	2.6	0.24	ND	ND	ND	ND
Benzo(a)pyrene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.07 J	ND	ND	0.052 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.065 J	2.3	0.24	ND	ND	ND	ND
Benzo(b)fluoranthene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.089 J	ND	ND	0.058 J	ND	ND	ND	ND	ND	0.047 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.081 J	3.1	0.3	ND	ND	ND	ND
Benzo(g,h,i)perylene	0.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.036 J	ND	ND	0.035 J	ND	ND	ND	ND	ND	0.025 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.04 J	1.2	0.16	ND	ND	ND	ND
Benzo(k)fluoranthene	0.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	0.12	ND	ND	ND	ND
Bis(2-ethylhexyl) phthalate	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.11 J	0.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.14 J	ND	ND	0.065 J	0.083 J	ND
Carbazole	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.03 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33	0.054 J	ND	ND	ND	ND
Chrysene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.074 J	ND	ND	0.047 J	ND	ND	ND	ND	ND	0.037 J	ND	ND	ND	0.042 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.063 J	2.6	0.25	ND	ND	ND	ND
Dibenzo(a,h)anthracene	0.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.35	0.034 J	ND	ND	ND	ND
Dibenzofuran	2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.019 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.19 J	0.021 J	ND	ND	ND	ND
Fluoranthene	85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2	ND	ND	0.14	0.027 J	ND	ND	ND	ND	0.083 J	ND	ND	ND	0.076 J	ND	ND	ND	0.025 J	0.035 J	ND	ND	ND	ND	0.14	5.1	0.68	ND	ND	ND	ND
Fluorene	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.031 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.36	0.051 J	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.036 J	ND	ND	0.033 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.038 J	1.3	0.14 J	ND	ND	ND	ND
Naphthalene	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.039 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.057 J	0.025 J	ND	ND	ND	ND
Phenanthrene	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.17	ND	ND	0.069 J	ND	ND	ND	ND	ND	0.056 J	ND	ND	ND	0.09 J	ND	ND	ND	0.029 J	ND	ND	ND	ND	0.12	3	0.52	ND	ND	ND	ND
Pyrene	64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.15	ND	ND	0.12	0.021 J	ND	ND	ND	ND	0.065 J	ND	ND	ND	0.11 J	ND	ND	ND	0.019 J	0.025 J	ND	ND	ND	ND	0.11	4	0.54	ND	ND	ND	ND
Metals - mg/kg																																										
Arsenic	13	3.88	2.67	4.15	4.02	5.18	6.06	5	4.65	4.24	6.06	3.82	4.66	4.98	4.83	4.98	4.01	3.94	4.95	3.46	5.06	4.59	4.95	4.41	4.24	2.22	4.48	6.95	8.23	4.08	9.03	5.35	4.39	5.26	5.98	9.2	4.03	3.46	4.79	5.75	6.5
Barium	410	78.9	91.8	90.2	87.9	103	144	116	57.8	87.8	130	87.1	72.2	91.3	106	107	85.7	92	80	70.7	98.6	105	74	74.4	67.2	82.6	133	126	173	92.6	160	95.4	253	138	98.2	118	66.9	89.1	92.7	161	135
Cadmium	2.5	ND	0.091 J	ND	ND	ND	ND	0.168 J	0.14 J	0.137 J	0.112 J	0.091 J	0.126 J	0.109 J	0.116 J	0.154 J	0.136 J	0.128 J	0.14 J	0.131 J	0.131 J	0.147 J	0.138 J	0.118 J	0.102 J	0.139 J	0.427 J	ND	0.143 J	ND	ND	ND	ND	0.109	ND	0.239 J	0.159 J	ND	ND	0.125 J	0.154 J
Chromium	30	13.2	14.6	14.8	13.3	14.8	16	14.8	13.9	14.1	21.4	13.1	13	13.8	14.8	14.2	14	13.8	14.3	12.1	15.6	13.5	12.7	12.5	12.1	13.2	20.8	20.6	26.2	16.1	24.7	18.9	31.3	21.2	18	19.2	12.1	13.7	14.2	26.6	22.4
Lead	63	13.6	16	16.4	15.9	19	15.3	18.5	17.3	19.1	20.4	39.6	16.3	16.1	15.4	30.3	22.2	14.7	20.2	13.9	21.7	20.1	16	17.7	14.2	14.7	54.9	14.5	18.5	15	20.1	23.7	17	10.8	25.7	212	25	15	15.2	13.7	25.5
Selenium	3.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.332 J	ND	ND	ND	ND	0.344 J	ND	ND	ND	ND
Silver	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mercury	0.18	ND	ND	ND	ND	0.066 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.138	0.076	ND	ND	ND	ND

Notes:
1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Part 375 Soil Cleanup Objectives (SCOs) .
3. Sample results were reported by the laboratory in micograms per kilogram (ug/kg) and converted to milligram per kilogram (mg/kg) for comparison to SCOs.

Definitions:
ND = Parameter not detected above laboratory detection limit.
NA = Sample not analyzed for parameter.
"--" = No SCO available.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.

= Result exceeds Unrestricted Use SCOs

ROUX

TABLE 12
SUMMARY OF TANK 1 IRM POST EXCAVATION SOIL/FILL ANALYTICAL RESULTS

RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Parameter [1]	Unrestricted Use SCOs [2]	Sub-Surface Soil Sample Locations											
		B-1 (18.5')	B-2 (17')	B-3 (17')	B-4 (17')	NW-1 (12-15')	NW-2 (12-15')	SW-1 (13-15')	SW-2 (12-15')	EW-1 (12-15')	EW-2 (12-15')	WW-1 (12-15')	WW-2 (12-15')
		4/16/24	5/2/24					4/16/24	5/2/24				
Volatile Organic Compounds (VOCs) - mg/kg													
1,2,4-Trimethylbenzene	**5.9**	0.018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	**3.1**	0.008	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	**--**	0.00031 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	**0.03**	0.0069 J	0.0054 J	ND	ND	ND	ND	ND	0.0056 J	ND	ND	ND	ND
Benzene	**0.06**	0.00028 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	**--**	0.00086 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	**1**	0.017	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	**--**	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylcyclohexane	**--**	0.0013 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	**18**	0.0007 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	**5**	0.0058	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	**25**	0.00034 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	**0.26**	0.0174	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semivolatile Organic Compounds (SVOCs) - mg/kg													
SVOCs were not detected at concentrations above laboratory detection limits													
Metals - mg/kg													
Aluminum	**--**	1700	4380	3360	4700	3340	3250	7070	9230	4900	5210	3020	2940
Antimony	**--**	ND	ND	ND	ND	ND	ND	0.392 J	ND	ND	ND	ND	ND
Arsenic	**13**	1.58	2.28	1.76	2.31	2.06	1.97	3.86	2.06	2.22	2.29	1.63	1.8
Barium	**410**	16.2	50	30.2	37.8	29.4	36.2	64.7	89.7	41.7	45.1	27.4	25
Beryllium	**4.4**	0.1 J	0.218 J	0.164 J	0.231 J	0.167 J	0.162 J	0.327 J	0.416 J	0.242 J	0.256 J	0.147 J	0.144 J
Cadmium	**2.5**	0.164 J	0.14 J	0.13 J	0.123 J	0.116 J	0.15 J	0.173 J	ND	0.116 J	0.11 J	0.148 J	0.14 J
Calcium	**--**	53400	60900	57300	61900	57400	57300	69600	72700	64200	65600	56700	55700
Chromium	**30**	3.43	7.41	6.01	8.05	5.8	5.72	10.8	13.9	8.2	8.62	5.33	5.3
Cobalt	**--**	1.87	4.02	3.11	4.19	3.1	2.93	6.62	5.68	4.37	4.55	2.82	2.98
Copper	**50**	6.87	10.1	8.46	11.5	8.22	9.32	14.9	12.1	11.2	11.7	8.46	7.81
Iron	**--**	5780	10500	8720	10800	8630	8500	15000	15400	11200	11600	8060	7880
Lead	**63**	7.91	11.1	9.21	11.8	9.84	9.49	14.7	14.8	12.1	12.2	9.02	9.5
Magnesium	**--**	23100	25500	24600	25700	24700	24700	25200	26000	26300	26700	24400	24200
Manganese	**1,600**	247	342	304	354	304	300	450	454	368	379	293	289
Nickel	**30**	3.73	8.63	6.67	9.25	6.6	6.2	13.3	14.8	9.62	9.98	5.96	5.99
Potassium	**--**	328	780	608	823	605	594	1250	1250	828	882	534	524
Selenium	**3.9**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	**--**	99.4 J	174 J	147 J	174 J	159 J	158 J	223	241 J	169 J	176	152 J	146 J
Thallium	**--**	ND	ND	0.374 J	0.361 J	ND	0.283 J	ND	0.447 J	0.388 J	0.375 J	0.294 J	0.444 J
Vanadium	**--**	8.13	12.7	11	13	11	11.1	17.5	16.9	13.4	14	10.4	10.2
Zinc	**109**	64	62	58.1	56	51.9	64	64.8	59.7	59.8	59.8	58.5	61.1
Mercury	**0.18**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Part 375 Soil Cleanup Objectives (SCOs) .
3. Sample results were reported by the laboratory in micograms per kilogram (ug/kg) and converted to milligram per kilogram (mg/kg) for comparison to SCOs.
4. Area overcut and resampled to achieve USCOs for nickel (B-6r).

Definitions:
ND = Parameter not detected above laboratory detection limit.
NA = Sample not analyzed for parameter.
"--" = No SCO available.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.

= Result exceeds Unrestricted Use SCOs

ROUX

TABLE 13
SUMMARY OF TANK 2 IRM POST EXCAVATION SOIL/FILL ANALYTICAL RESULTS

RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Parameter [1]	Unrestricted Use SCOs[2]	Sub-Surface Soil Sample Locations										
		B-1 (8')	B-2 (10')	B-3 (12')	NW-1 (6-7')	NW-2 (7-9')	NW-3 (8-10')	SW-1 (6-7')	SW-2 (7-9')	SW-3 (8-10')	EW-1 (6-7')	WW-1 (8-10')
		5/10/24										
Volatile Organic Compounds (VOCs) - mg/kg												
Chloroform	**0.37**	0.00039 J	ND	ND	ND	ND	ND	ND	ND	ND	0.00041 J	ND
Trichloroethene	**0.47**	ND	ND	0.00096	ND	ND	ND	ND	ND	0.0011	ND	0.00039 J
Semivolatile Organic Compounds (SVOCs) - mg/kg												
Benzo(b)fluoranthene	**1**	ND	0.033 J	0.033 J	0.033 J	0.032 J	0.035 J	ND	ND	ND	0.035 J	ND
Bis(2-ethylhexyl) phthalate	**--**	ND	0.13 J	0.14 J	0.14 J	0.14 J	0.14 J	0.14 J	0.12 J	0.11 J	0.13 J	0.12 J
Metals - mg/kg												
Arsenic	**13**	1.7	2.06	1.41	2.26	1.92	2.33	1.31	1.78	1.48	1.62	1.68
Barium	**410**	48.7	37.4	9.61	54.8	38.7	54.1	21.6	38.9	17.6	40.4	32.2
Cadmium	**2.5**	0.107 J	0.125 J	0.243 J	ND	0.126 J	0.146 J	0.164 J	0.125 J	0.135 J	0.132 J	0.143 J
Chromium	**30**	8.88	8.03	3.25	10.8	8.14	9.73	4.95	8.25	4.35	8.96	8.5
Lead	**63**	12.1	11.9	7.35	12.3	11.6	13.5	10.1	12.1	10.5	12.1	12.1 J
Mercury	**0.18**	ND	ND	ND	ND	ND	ND	0.076	ND	ND	ND	0.059 J

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Part 375 Soil Cleanup Objectives (SCOs) .
3. Sample results were reported by the laboratory in micograms per kilogram (ug/kg) and converted to milligram per kilogram (mg/kg) for comparison to SCOs.
4. Area overcut and resampled to achieve USCOs for nickel (B-6r).

Definitions:

ND = Parameter not detected above laboratory detection limit.
NA = Sample not analyzed for parameter.
"--" = No SCO available.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.

= Result exceeds Unrestricted Use SCOs

ROUX

TABLE 14
SUMMARY OF TANK 3 IRM POST EXCAVATION SOIL/FILL ANALYTICAL RESULTS

RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Parameter [1]	Unrestricted Use SCOs[2]	Sub-Surface Soil Sample Locations		
		B-1 (7.5')	B-2 (7.5')	TSB NW-3 (3-5')
		5/20/24		
Volatile Organic Compounds (VOCs) - mg/kg				
Acetone	**0.03**	ND	ND	0.0082 J
Bromodichloromethane	**--**	0.00021 J	ND	ND
Chloroform	**0.37**	0.00093 J	ND	ND
Trichloroethene	**0.47**	ND	ND	ND
Semivolatile Organic Compounds (SVOCs) - mg/kg				
SVOCs were not detected at concentrations above laboratory detection limits				
Metals - mg/kg				
Arsenic	**13**	2.72	3.31	2.26
Barium	**410**	68.2	42.9	61.4
Cadmium	**2.5**	0.249 J	0.214 J	0.172 J
Chromium	**30**	9.02	9.32	11.5
Lead	**63**	12.8	15.1	14.5

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Part 375 Soil Cleanup Objectives (SCOs) .
3. Sample results were reported by the laboratory in micograms per kilogram (ug/kg) and converted to milligram per kilogram (mg/kg) for comparison to SC
4. Area overcut and resampled to achieve USCOs for nickel (B-6r).

Definitions:

ND = Parameter not detected above laboratory detection limit.
"--" = No SCO available.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.

= Result exceeds Unrestricted Use SCOs

ROUX

TABLE 15
SUMMARY OF TANK 4 IRM POST EXCAVATION SOIL/FILL ANALYTICAL RESULTS

RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Parameter [1]	Unrestricted Use SCOs[2]	Post-Excavation Confirmatory Soil Sample Locations									
		T4 Bottom 1/1R	T4 Bottom 2/2R	T4 Bottom 3/3R	T4 Bottom 4/4R	T4 Bottom 5/5R	T4 Bottom 6/6R	T4 Bottom 7/7R	T4 SW-1	T4 SW-2	T4 SW-3
		11/13/24									
Volatile Organic Compounds (VOCs) - mg/kg											
1,1-Dichloroethane	**0.27**	ND	ND	ND	ND	ND	ND	0.00053 J	ND	ND	ND
1,2-Dichlorobenzene	**1.1**	ND	ND	ND	ND	ND	ND	0.00013 J	ND	ND	ND
1,2-Dichloroethane	**0.02**	ND	0.00039 J	0.00082 J	ND	ND	ND	ND	ND	ND	ND
Acetone	**0.05**	ND	ND	ND	0.0042 J	ND	ND	0.012	0.024	0.044	0.037
Benzene	**0.06**	0.00025 J	ND	ND	0.0012	ND	ND	0.017	ND	0.013	0.00014 J
cis-1,2-Dichloroethene	**0.25**	ND	ND	ND	0.00013 J	ND	ND	0.00026 J	ND	ND	ND
Cyclohexane	**--**	ND	ND	ND	ND	ND	ND	0.0027 J	ND	ND	ND
Ethylbenzene	**1**	ND	ND	ND	ND	ND	ND	0.0052 J	ND	ND	ND
Isopropylbenzene (Cumene)	**--**	ND	ND	ND	ND	ND	ND	0.0022	ND	ND	ND
Methylcyclohexane	**--**	ND	ND	ND	ND	ND	ND	0.0015 J	ND	ND	ND
Toluene	**0.7**	ND	ND	ND	ND	ND	ND	0.00053 J	ND	ND	ND
Trichloroethene	**0.47**	ND	ND	ND	ND	ND	ND	0.00043 J	ND	ND	ND
Xylenes, Total	**0.26**	ND	ND	ND	0.00128 J	ND	ND	0.0214	ND	ND	ND
Semivolatile Organic Compounds (SVOCs) - mg/kg											
Benzo(a)pyrene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	0.037 J	ND
Benzo(b)fluoranthene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	0.034 J	ND
Chrysene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	0.033 J	ND
Fluoranthene	**85**	ND	ND	ND	ND	ND	ND	ND	ND	0.088 J	ND
Naphthalene	**12**	ND	ND	ND	ND	ND	ND	0.065 J	ND	ND	ND
Phenanthrene	**1.1**	ND	ND	ND	ND	ND	ND	ND	ND	0.052 J	ND
Pyrene	**64**	ND	ND	ND	ND	ND	ND	ND	ND	0.069 J	ND
Metals - mg/kg											
Arsenic	**13**	2.64	2.01	3.25	2.01	5.04	3.5	4.11	2.54	2.8	3.36
Barium	**410**	58	48.2	77	43	57	67.8	84.1	51.7	58.1	79.7
Chromium	**30**	10.4	8.78	14.1	7.24	11.2	12.6	12.9	9.23	9.21	10.1
Lead	**63**	12.9	15.3	13.8	12.1	14.3	13.9	35.5	12.4	11.9 J	16.7 J
Selenium	**3.9**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	**2**	ND	ND	ND	ND	ND	ND	ND	0.299 J	ND	ND
Polychlorinated Biphenyls (PCBs) mg/kg											
PCB-1242	**--**	ND	ND	ND	ND	ND	ND	ND	ND	0.0109	ND
Total PCBs	**0.1**	ND	ND	ND	ND	ND	ND	ND	ND	0.0109	ND

Notes:
1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Part 375 Soil Cleanup Objectives (SCOs) .
3. Sample results were reported by the laboratory in micograms per kilogram (ug/kg) and converted to milligram per kilogram (mg/kg) for comparison to SCOs.
4. Area overcut and resampled to achieve USCOs for VOCs and SVOCs (R).

Definitions:
ND = Parameter not detected above laboratory detection limit.
NA = Sample not analyzed for parameter.
"--" = No SCO available.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.

= Result exceeds Unrestricted Use SCOs

ROUX

TABLE 16
SUMMARY OF FORMER AUTO REPAIR AREA IRM POST EXCAVATION SOIL/FILL ANALYTICAL RESULTS

RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Parameter [1]	Unrestricted Use SCOs [2]	AA B-1 (7.5')	AA B-2 (9')	AA B-3 (7.5')	AA B-4 (7.5')	AA B-5 (9')	AA B-6 (7.5')	AA B-7 (7.5')	AA B-8 (9')	AA B-9 (7.5')	AA B-10 (9')	AA B-11 (14')	AA B-12 (9')	AA B-13 (9')	AA B-14 (15')	AA B-15 (15')	AA B-16 (6')	AA B-17 (6')	AA B-18 (4')	AA B-19 (4')	AA NW-1 (5-7')	AA NW-2 (5-7')	AA NW-3 (5-7')	AA NW-4 (8-10')	AA NW-5 (11-13')	AA WW-1 (3-5')	AA WW-2 (3-5')	AA WW-3 (5-7')
		5/30/24	6/5/24	5/30/24		6/5/24	5/30/24		6/8/24	5/30/24	6/11/24		6/13/24		6/13/24		6/26/24				6/5/24		6/11/24		6/13/24	5/30/24		6/5/24
Volatile Organic Compounds (VOCs) - mg/kg																												
1,1-Dichloroethane	**0.27**	ND	ND	--	ND	ND	--	ND	0.00069 J	--	ND	ND	ND	ND	ND	ND	ND	0.00013 J	ND	ND	ND	0.00045 J	ND	0.0035	0.00032 J	--	--	ND
1,1-Dichloroethene	**0.24**	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0092 J	ND	--	--	ND
1,2,3-Trichlorobenzene	**--**	ND	ND	--	ND	0.00032 J	--	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
1,2,4-Trichlorobenzene	**--**	ND	ND	--	ND	0.00036 J	--	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
1,2-Dichlorobenzene	**1.1**	ND	ND	--	ND	0.0066	--	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
1,2-Dichloroethane	**0.02**	ND	ND	--	ND	ND	--	ND	0.0016	--	0.0022	0.00076 J	0.00032 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
1,3-Dichlorobenzene	**2.4**	ND	ND	--	ND	0.00026 J	--	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
1,4-Dichlorobenzene	**1.8**	ND	ND	--	ND	0.0019	--	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
1,2,4-Trimethylbenzene	**5.9**	ND	ND	--	ND	0.12	--	ND	ND	--	ND	ND	ND	0.0024 J	ND	0.00042 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
1,3,5-Trimethylbenzene	**3.1**	ND	ND	--	ND	0.018	--	ND	ND	--	ND	ND	ND	0.00051 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
4-Isopropyltoluene	**--**	ND	ND	--	ND	0.0042	--	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
Acetone	**0.03**	ND	0.0066 J	--	ND	0.0099	--	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	0.0045 J	ND	ND	0.007 J	0.0089 J	0.0086 J	0.0093 J	ND	--	--	0.0063 J
Benzene	**0.06**	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND	ND	0.0003 J	ND	ND	0.0006	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
Chlorobenzene	**5**	ND	ND	--	ND	0.0015	--	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
Chloroform	**0.37**	0.00044 J B	ND	--	ND	ND	--	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00017 J	ND	ND	--	--	ND
cis-1,2-Dichloroethene	**0.19**	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND	0.0002 J	0.001 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
Ethylbenzene	**1**	ND	ND	--	ND	0.00099	--	ND	ND	--	ND	ND	ND	0.007	ND	0.00019 J	ND	ND	ND	ND	ND	ND	ND	0.0058 J	ND	--	--	0.00052 J
Isopropylbenzene (Cumene)	**--**	ND	ND	--	ND	0.00095	--	ND	ND	--	ND	ND	ND	0.00016 J	ND	0.00014 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
Methylene Chloride	**--**	ND	ND		ND	ND		ND	0.0036 J	--	0.0041 J	0.0037 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003 J	ND	--	--	ND
Methyl tert-butyl ether	**0.1**	ND	ND	--	ND	0.00023 J	--	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00035 J	ND	0.0011 J	ND	--	--	ND
n-Butylbenzene	**12**	ND	ND	--	ND	0.0046	--	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
n-Propylbenzene	**5**	ND	ND	--	ND	0.0051	--	ND	ND	--	ND	ND	ND	0.00035 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
sec-Butylbenzene	**25**	ND	ND	--	ND	0.0031	--	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
Styrene	**--**	ND	ND		ND	ND	--	ND			ND	ND	ND	ND	ND	ND	ND	ND	0.00065 J	ND	ND	ND	ND	ND	ND	--	--	ND
Tetrachloroethene	**1.3**	ND	ND	--	0.0012	0.0026	--	0.00083	ND	--	ND	ND	ND	0.00069 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
Toluene	**0.7**	ND	ND	--	ND	0.00075 J	--	ND	ND	--	0.00074 J	ND	ND	ND	ND	ND	0.00069 J	0.00052 J	0.00097 J	0.00054 J	ND	ND	ND	0.002	ND	--	--	0.00053 J
trans-1,2-Dichloroethene	**0.19**	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND	ND	0.00037 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
Trichloroethene	**0.47**	ND	ND	--	ND	0.0007	--	ND	ND	--	ND	ND	ND	0.0023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	ND
Xylenes, Total	**0.26**	ND	ND	--	ND	0.0076	--	ND	ND	--	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00158 J	ND	--	--	0.00374
Semivolatile Organic Comounds (SVOCs) - mg/kg																												
2,4-Dimethylphenol	**--**	ND	ND	ND	ND	0.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	**100**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.043 J	ND	ND
Anthracene	**100**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.047 J	ND	ND
Benzo(a)anthracene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.13	ND	ND
Benzo(a)pyrene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.13 J	ND	ND
Benzo(b)fluoranthene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.17	ND	ND
Benzo(g,h,i)perylene	**0.64**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.079 J	ND	ND
Benzo(k)fluoranthene	**0.8**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.055 J	ND	ND
Butyl benzyl phthalate	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.093 J	ND
Carbazole	**--**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.045 J	ND	ND
Chrysene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.15	0.022 J	ND
Dibenzo(a,h)anthracene	**0.33**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.023 J	ND	ND
Dibenzofuran	**2.1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.026 J	ND	ND
Fluoranthene	**85**	ND	ND	ND	0.035 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33	0.026 J	ND
Fluorene	**30**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.029 J	ND	ND
Indeno(1,2,3-cd)pyrene	**0.5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.079 J	ND	ND
Naphthalene	**12**	ND	ND	ND	ND	0.092 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.032 J	ND	ND
Phenanthrene	**1.1**	ND	ND	ND	0.03 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.32	ND	ND
Pyrene	**64**	ND	ND	ND	0.028 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.26	0.024 J	ND
Metals - mg/kg																												
Arsenic	**13**	1.55	1.92	2.16	2.12	1.89	2.55	3.15	1.41	1.82	1.47	1.22	1.69	1.88	1.12	1.31	3.34	2.72	3.66	4.22	2.09	2.14	2.46	1.39	1.13	3.08	2.92	2.08
Barium	**410**	44.5	36.7	47	42.2	42.8	63.7	60.6	49.1	41	33.7	26.6	39.8	43.3	19.5	14.3	65.1	66.9	44.6	99.2	48.3	49.8	60.5	35.2	28.9	78.9	60.8	52.1
Cadmium	**2.5**	0.158 J	0.19 J	0.15 J	0.168 J	0.189 J	0.161 J	0.172 J	0.204 J	0.185 J	0.185 J	0.129 J	ND	ND	ND	0.089 J	ND	ND	ND	ND	0.176 J	0.182 J	0.144 J	0.205 J	ND	0.181 J	0.212 J	ND
Chromium	**30**	5.52	6.66	8.51	7.83	6.5	9.33	13.5	6.25	6.31	5.67	4.53	6.03	7.7	2.94	3.31	11.3	9.53	7.2	16.7	8.88	9.77	11.6	5.25	5.29	10.3	12.3	8.32
Lead	**63**	9.3	8.48	10.2	11.4	11.8	11.6	13.2	9.58	9.49	12.6	8.98	10.2	12	7.07	7.16	14.2	12.2	12.6	13.6	11.6	12.6	13.4	8.46	10.2	12	16.6	11.7
Selenium	**3.9**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.617 J
Silver	**2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.254 J	ND	ND	ND	ND	ND	ND
Polychlorinated Biphenyls (PCBs) mg/kg																												
Total PCBs	**0.1**	--	ND	--	--	ND	--	--	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Part 375 Soil Cleanup Objectives (SCOs) .
3. Sample results were reported by the laboratory in micrograms per kilogram (ug/kg) and converted to milligram per kilogram (mg/kg) for comparison to SCOs.

Definitions:
ND = Parameter not detected above laboratory detection limit.
NA = Sample not analyzed for parameter.
"--" = No SCO available.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.

= Result exceeds Unrestricted Use SCOs

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TABLE 17
SUMMARY OF FORMER THREE STORY BUILDING AREA IRM POST EXCAVATION SOIL/FILL ANALYTICAL RESULTS

RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Parameter [1]	Unrestricted Use SCOs [2]	TSB B-1 (4')	TSB B-2 (4')	TSB B-3 (4')	TSB B-4 (4')	TSB B-5 (4')	TSB B-6 (4')	TSB B-7 (4')	TSB B-8 (7')	TSB B-9 (7')	TSB B-10 (7')	TSB B-11 (7')	TSB B-12 (7')	TSB B-13 (7')	TSB B-14 (7')	TSB B-15 (7')	TSB B-16 (7')	TSB B-17 (7')	TSB NW-1 (3-5')	TSB NW-2 (3-5')	TSB NW-3 (3-5')	TSB NW-4 (3-5')	TSB SW-1 (3-5')	TSB SW-2 (3-5')	TSB SW-3 (3-5')
		5/15/24							5/17/24		5/23/24		5/17/24		5/20/24		5/17/24	5/20/24	5/17/24		5/20/24		5/17/24		
Volatile Organic Compounds (VOCs) - mg/kg																									
1,1,1-Trichloroethane	**0.68**	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	0.00022 J	ND	ND	--	--	ND	ND	--	--	--
Acetone	**0.05**	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	0.0066 J	--	--	0.0082 J	0.0059 J	--	--	--
Chloroform	**0.37**	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	0.0011 J	0.00017 J	ND	--	--	ND	ND	--	--	--
Toluene	**0.7**	--	--	--	--	--	--	--	--	--	--	--	ND	ND	0.00068 J	ND	ND	ND	--	--	ND	ND	--	--	--
Trichloroethene	**0.47**	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	0.00076	--	--	ND	ND	--	--	--
Xylenes, Total	**0.26**	--	--	--	--	--	--	--	--	--	--	--	ND	ND	ND	ND	0.00122 J	ND	--	--	ND	ND	--	--	--
Semivolatile Organic Comounds (SVOCs) - mg/kg																									
Benzo(a)anthracene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00027 J	ND	ND	ND	ND	0.031 J	0.038 J	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.04 J	0.033 J	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	**0.64**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00024 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00024 J	ND	ND	ND	ND	0.03 J	0.034 J	ND	ND	ND	ND	ND
Dibenzofuran	**2.1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	**85**	ND	ND	ND	ND	0.022 J	ND	ND	ND	ND	ND	ND	ND	0.00043 J	ND	ND	ND	ND	0.068 J	0.068 J	ND	ND	ND	ND	ND
Phenanthrene	**1.1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00031 J	ND	ND	ND	ND	0.048 J	0.077 J	ND	ND	ND	ND	ND
Pyrene	**64**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00036 J	ND	ND	ND	ND	0.054 J	0.064 J	ND	ND	ND	ND	ND
Metals - mg/kg																									
Arsenic	**13**	2.58	6.18	4.13	3.65	4.89	6.37	3.76	1.96	2.6	2.18	2.64	3.73	4.22	2.43	2.51	2.03	3.31	3.06	3.49	2.26	5.74	5.45	4.1	4.18
Barium	**410**	81.3	126	99.4	84.2	58.4	71.4	74.6	63.2	61.7	71.5	33.8	94.8	63.6	42.5	45.5	60.1	64.8	69.6	160	61.4	64.2	73.5	65.5	67.8
Cadmium	**2.5**	0.125 J	0.104 J	0.099 J	0.1 J	0.096 J	0.11 J	0.104 J	0.128 J	0.127 J	0.245 J	0.226 J	0.118 J	0.133 J	0.241 J	0.2 J	0.099 J	0.233 J	0.182 J	0.206 J	0.172 J	0.176 J	0.216 J	0.19 J	0.173 J
Chromium	**30**	14.8	14.2	13	13.3	13.4	13	13.8	10.2	11.8	6.86	8.02	10.6	10	6.57	7.88	9.96	9.62	9.82	12.6	11.5	17.7	13.1	11.5	10.9
Lead	**63**	14.8	15.2	14.2	14.5	15.4	14.8	14.4	13	13.5	11.2	12.6	11.6	12.1	13.3	12.9	10.4	14.3	12.4	13.7	14.5	14.5	15.2	13.2	12.4
Selenium	**3.9**	ND	ND	ND	ND	ND	ND	ND	0.317 J	0.751 J	ND	ND	0.442 J	0.275 J	ND	ND	0.701 J	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Part 375 Soil Cleanup Objectives (SCOs) .
3. Sample results were reported by the laboratory in micograms per kilogram (ug/kg) and converted to milligram per kilogram (mg/kg) for comparison to SCOs.

Definitions:
ND = Parameter not detected above laboratory detection limit.
NA = Sample not analyzed for parameter.
"--" = No SCO available.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.

= Result exceeds Unrestricted Use SCOs

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TABLE 18
SUMMARY OF IRM POST EXCAVATION SOIL/FILL ANALYTICAL RESULTS

RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

| Parameter [1] | Unrestricted Use SCOs [2] | Sub-Surface Soil Sample Locations | | |

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TABLE 19
SUMMARY OF GROUNDWATER IRM ANALYTICAL RESULTS
RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Parameters [1]	Class GA GWQS/GV[2,3]	Sample Location																																							
		MW-1/1R		MW-2			MW-3			MW-4						MW-5/5R				MW-6						MW-7			TW-1				TW-2			TW-3			TW-4		
		4/1/2024	7/15/2025	4/1/2024	5/23/2024	7/15/2025	4/1/2024	5/23/2024	7/15/2025	4/1/2024	5/23/2024	3/10/2025	5/6/2025	7/14/2025	11/30/2025	4/4/2024	7/10/2024	3/6/2025	7/15/2025	4/4/2024	7/10/2024	3/10/2025	5/6/2025	7/14/2025	10/31/2025	4/4/2024	7/10/2024	7/14/2025	3/6/2025	5/6/2025	7/14/2025	11/6/2025	3/6/2025	7/14/2025	11/6/2025	3/6/2025	7/14/2025	10/30/2025	5/6/2025	7/14/2025	10/30/2025
		RI	Post-Injection	RI		Post-Injection	RI		Post-Injection	RI		Pre-Injection	Injection	Post-Injection		RI		Pre-Injection	Post-Injection	RI		Pre-Injection	Injection	Post-Injection		RI		Post-Injection	Pre-Injection	Injection	Post-Injection		Pre-Injection	Post-Injection		Pre-Injection	Post-Injection		Injection	Post-Injection	
Volatile Organic Compounds (VOCs) - ug/L																																									
1,1-Dichloroethene	**5**	ND	ND	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10**	ND	ND	ND	ND	ND	3.6 J	ND	4.2 JD	1.6 J	ND	0.52 J	ND	ND	ND	ND	ND	ND	0.45 J	ND	0.35 J
2-Butanone	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	**5**	ND	ND	1.8 J	1.4 J	1.7	ND	ND	ND	ND	ND	ND	ND	ND	0.58 J	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND	ND	**40**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	**0.6**	ND	ND	ND	ND	ND	ND	ND	ND	0.15 J	ND	0.14 J	ND	ND	ND	0.2 J	ND	0.25 J	ND	ND	ND	**2.4**	**2.1**	**1.6**	ND	ND	ND	ND	ND	**26**	ND	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	**50**	ND	**170**	ND	5.4	ND	**54**	24	ND	4.6 J	ND	5.6	ND	6.2 J	ND	4.5 J	ND	17	ND	ND	ND	4.5 J	24	7.0 J	ND	31	3.3 J	ND	ND	ND	ND	3.6 J	**63**	**260**	ND	43	8.2 J	ND	3.8 J	ND	ND
Benzene	**1**	ND	ND	ND	ND	ND	ND	ND	ND	**1.6**	0.27 J	ND	ND	ND	ND	0.29 J	0.18 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**28 D**	**7.8 D**	ND	33	ND	ND	ND	ND	ND	ND	0.33 J	ND	ND
Bromomethane	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.75 J	ND	ND	ND	**6.4**	ND	ND	ND	ND	ND	0.7 J	ND	ND	ND	ND	ND	ND	3.7 J	ND	ND	ND	0.86 J	ND	ND	ND	ND	0.79 J	ND	ND
Chloromethane	**5**	ND	**7.1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**4.3**	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	**--**	ND	ND	ND	1.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.65 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert butyl ether (MTBE)	**10**	ND	ND	2.7	2.5	2.5	ND	ND	ND	4.1	1.3 J	2 J	0.44 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl cyclohexane	**--**	ND	ND	ND	1.3 J	ND	ND	1.3 J	ND	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	ND	ND	ND	1.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	**11**	1.2 J	ND	0.75 J	ND	ND	ND	ND	ND	ND	**1,300**	**1,600**	**46**	**7.6**	3.9	ND	ND	ND	ND	**2000 D**	**480 D**	**330**	**280 D**	ND	ND	ND	ND	ND	ND	**12**	**8**	**8.7**
Toluene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.71 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	**49 J**	**53**	4.1 J	1.0 J	ND	ND	ND	ND	ND	ND	**31**	**22**	**29 D**	ND	ND	ND	ND	ND	ND	**23**	**15**	**16**
Trichloroethene	**5**	ND	ND	ND	ND	ND	ND	ND	ND	2.7	1	0.18 J	0.40 J	ND	ND	**7.2**	**9.1**	0.96	0.77 J	**3,300**	**3,000**	**230**	**80**	**13**	**6.1**	1.6	0.92	ND	**41 D**	**720 D**	**550**	**270 D**	ND	ND	ND	ND	ND	ND	**13**	**49**	**20**
Vinyl Chloride	**2**	ND	ND	ND	ND	ND	ND	ND	ND	0.6 J	0.22 J	0.16 J	0.1 J	ND	ND	ND	ND	ND	ND	**79**	**94**	**4.2**	0.26 J	ND	ND	ND	ND	ND	**100 D**	**28**	**28**	**48 D**	ND	ND	ND	ND	ND	ND	0.44 J	ND	ND
Total VOCs	--	ND	--	4.5 J	11.8 J	ND	54 J	39.3 J	ND	27.25 J	3.99 J	8.08 J	2.44 J	6.2 J	0.58 J	14.65 J	15.68 J	18.21 J	0.77 J	4728 J	4757 J	292.9 J	115.65 J	18.5 J	7.1 J	32.6 J	7.82 J	ND	2173.2 J	1430.7 J	970 J	673.52 J	63 J	265.16 J	ND	43 J	8.2 J	ND	76.81 J	72 J	45.05 J
Total TICs	--	ND	--	ND	1.01 J	--	1.85 J	ND	--	ND	ND	ND	--	--	--	4.89 J	15.1 J	--	--	ND	ND	--	--	--	--	1.23 J	1.5 J	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
1. Only parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC TOGS 1.1.1 Class GA Groundwater Quality Standards/Guidance Values (GWQS/GV).

Qualifiers:
ND = Parameter not detected above laboratory detection limit.
-- = No GWQS/GV or NYSDEC Action Level available, or parameter not analyzed for.
F = The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
I = The lower value for the two columns has been reported due to obvious interference.
J = Estimated Value - Below calibration range.
P = The RPD between the results for the two columns exceeds the method-specified criteria.

BOLD = Result exceeds GWQS/GV

TABLE 20

COST ESTIMATE FOR
TRACK 1 UNRESTRICTED USE CLEANUP ALTERNATIVE
RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

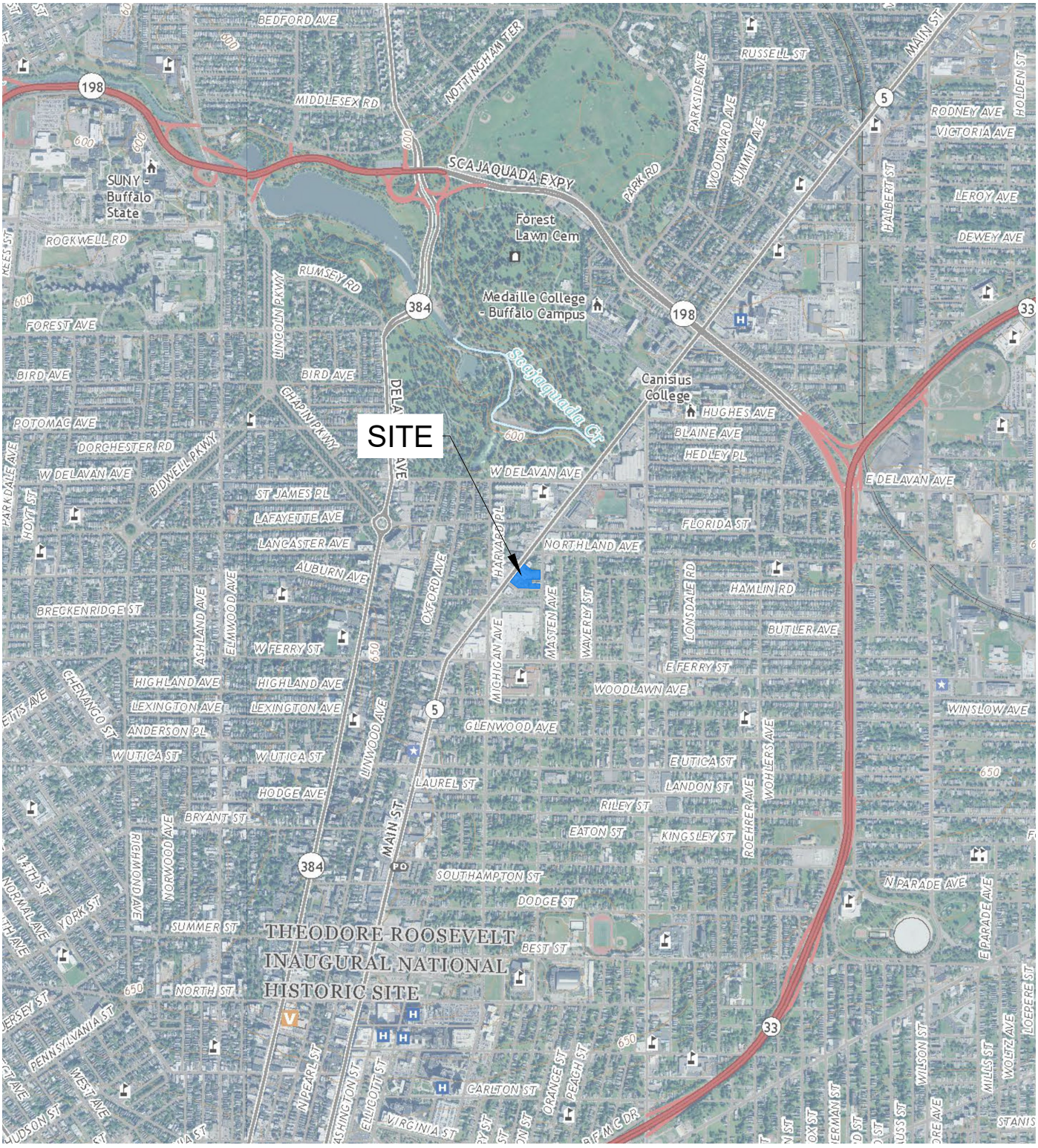
Item	Quantity	Units	Unit Cost	Total Cost
Demolition	1	EST	$ 500,000	**$ 500,000**
Overburden Soil/Fill Excavation and Disposal				
Non-Hazardous Soil/Fill Excavation, Transportation and Disposal	36,000	TON	$ 50	$ 1,800,000
Hazardous TSCA RCRA Oil, Soil/Fill Remedial Activites	1	EST	$ 150,000	$ 150,000
Temporary Mobile Groundwater Treatment	1	EST	$ 50,000	$ 50,000
Backfill Excavation	20,000	TON	$ 35	$ 700,000
Laboratory Analytical (post-excavation, waste characterization, import sampling)	1	EST	$ 50,000	$ 50,000
Subtotal:				**$ 2,750,000**
Groundwater IRM	1	EST	$ 250,000	$ 250,000
Supplemental Groundwater Remedial Activites - Injection	1	EST	$ 300,000	$ 300,000
Subtotal:				**$ 550,000**
Total Cost				**$ 3,800,000**

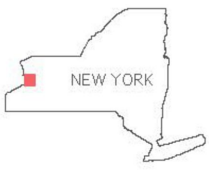
TABLE 21

COST ESTIMATE FOR
TRACK 2 RESIDENTIAL USE CLEANUP ALTERNATIVE
RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

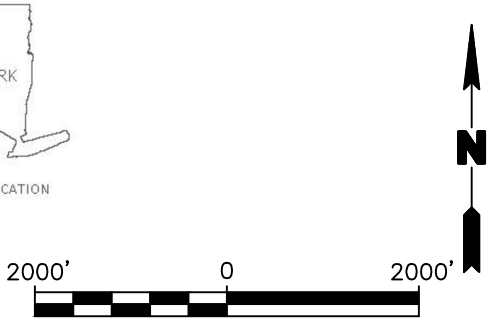
Item	Quantity	Units	Unit Cost	Total Cost
Demolition	1	EST	$ 500,000	**$ 500,000**
Overburden Soil/Fill Excavation and Disposal				
Non-Hazardous Soil/Fill Excavation, Transportation and Disposal	36,000	TON	$ 50	$ 1,800,000
Hazardous TSCA RCRA Oil, Soil/Fill Remedial Activites	1	EST	$ 150,000	$ 150,000
Temporary Mobile Groundwater Treatment	1	EST	$ 50,000	$ 50,000
Backfill Excavation	20,000	TON	$ 35	$ 700,000
Laboratory Analytical (post-excavation, waste characterization, import sampling)	1	EST	$ 50,000	$ 50,000
Subtotal:				**$ 2,750,000**
Groundwater IRM	1	EST	$ 250,000	$ 250,000
Supplemental Groundwater Remedial Activites - Injection	1	EST	$ 300,000	$ 300,000
Subtotal:				**$ 550,000**
Subtotal Capital Cost				**$ 3,800,000**
Institutional Controls				
Environmental Easement / Site Management Plan	1	LS	$ 30,000	$ 30,000
Subtotal:				**$ 30,000**
Active Subslab Depressurization System	1	EST	$ 100,000	**$ 100,000**
Annual Operation Maintenance & Monitoring (OM&M):				
Groundwater Monitoring	2	Ea	$ 10,000	$ 20,000
Annual Certification	1	Yr	$ 5,000	$ 5,000
Total Annual OM&M Cost				**$ 25,000**
Groundwater Monitorng OM&M Present Worth (PW):				
Number of Years (n):				5
Interest Rate (I):				4%
p/A value:				4.45
GWM OM&M Present Worth (PW):				**$ 111,300**
Annual Certification OM&M Present Worth (PW):				
Number of Years (n):				30
Interest Rate (I):				4%
p/A value:				17.292
Annual Certification OM&M Present Worth (PW):				**$ 86,460**
Total OM&M Present Worth (PW):				**$ 197,760**
Total Cost				**$ 4,128,000**

FIGURES





QUADRANGLE LOCATION



Title:

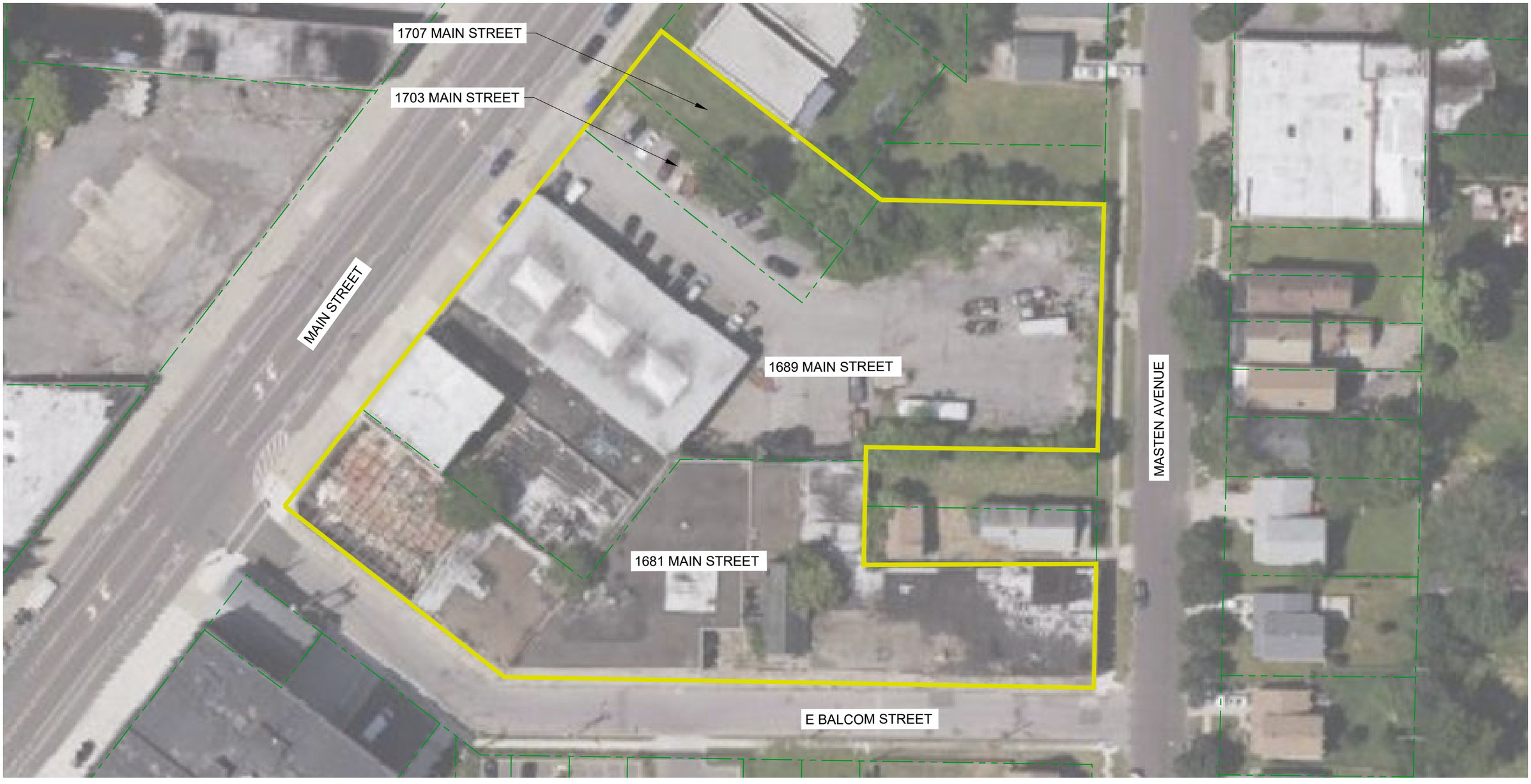
SITE LOCATION AND VICINITY MAP

RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Prepared for:

1681-1689 MAIN STREET LLC

ROUX	Compiled by: CEH	Date: JUNE 2024	FIGURE
	Prepared by: CEH	Scale: AS SHOWN	1
	Project Mgr: NTM	Project: 4461.0001B002	
	File: FIGURE 1 - SITE LOCATION AND VICINITY MAP.DWG		



LEGEND:

BCP BOUNDARY

PARCEL BOUNDARY

N

50' 0 50'

Title:

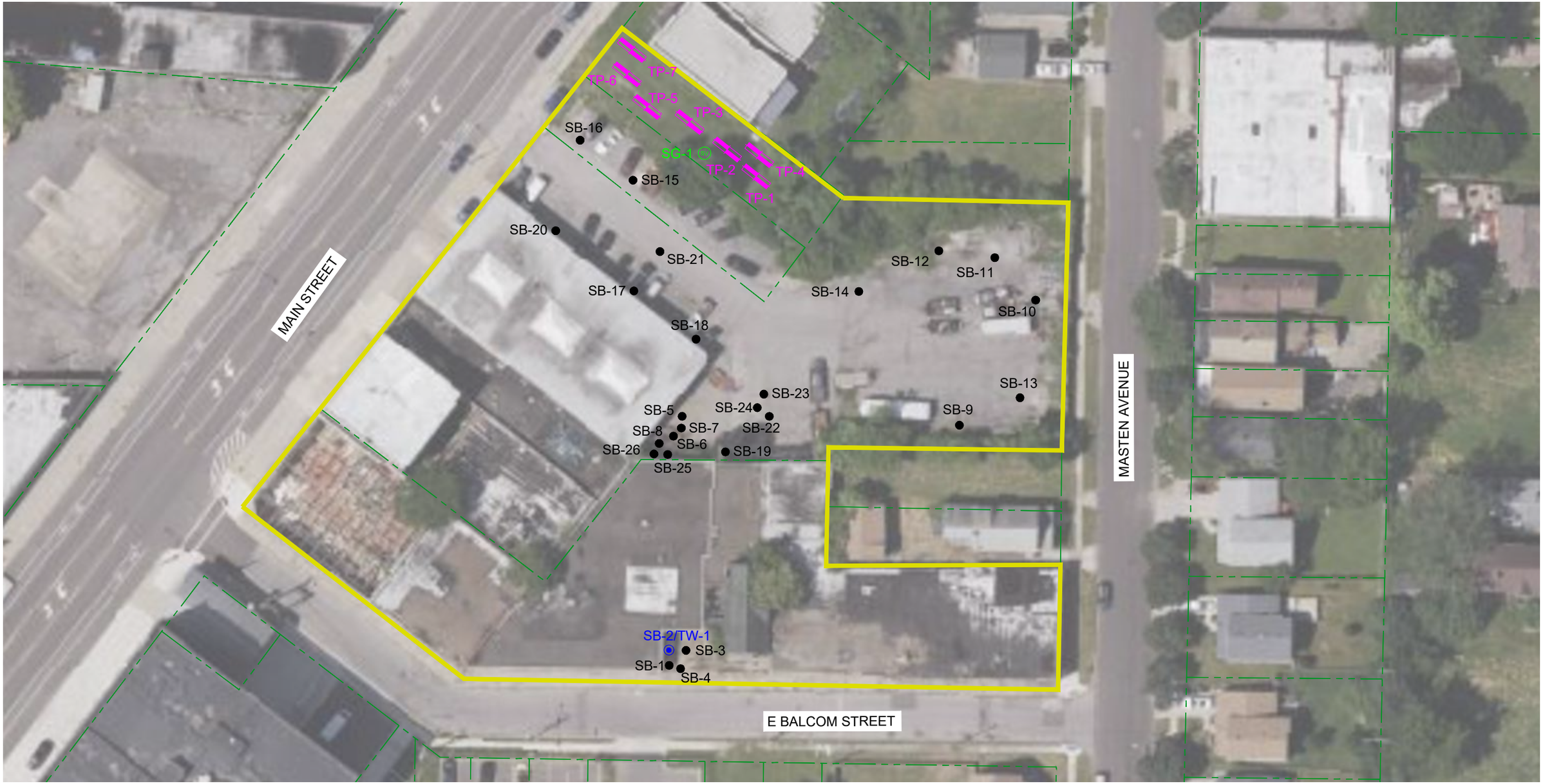
SITE PLAN (AERIAL)
RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Prepared for:

1681-1689 MAIN STREET, LLC

ROUX

Compiled by: CEH	Date: JULY 2024	FIGURE
Prepared by: CEH	Scale: AS SHOWN	2
Project Mgr: NTM	Project: 4461.001B002	
File: FIGURE 2 - SITE PLAN (AERIAL).DWG		



LEGEND:

- BCP BOUNDARY
- PARCEL BOUNDARY
- SB-1 ● PREVIOUS INVESTIGATION SOIL BORING LOCATIONS
- TP-1 PREVIOUS INVESTIGATION TEST PIT LOCATION
- SG-1 PREVIOUS INVESTIGATION SOIL VAPOR SAMPLE LOCATION
- SB-2/TW-1 PREVIOUS INVESTIGATION SOIL BORING & TEMPORARY MONITORING WELL LOCATION

N

50' 0 50'

Title:

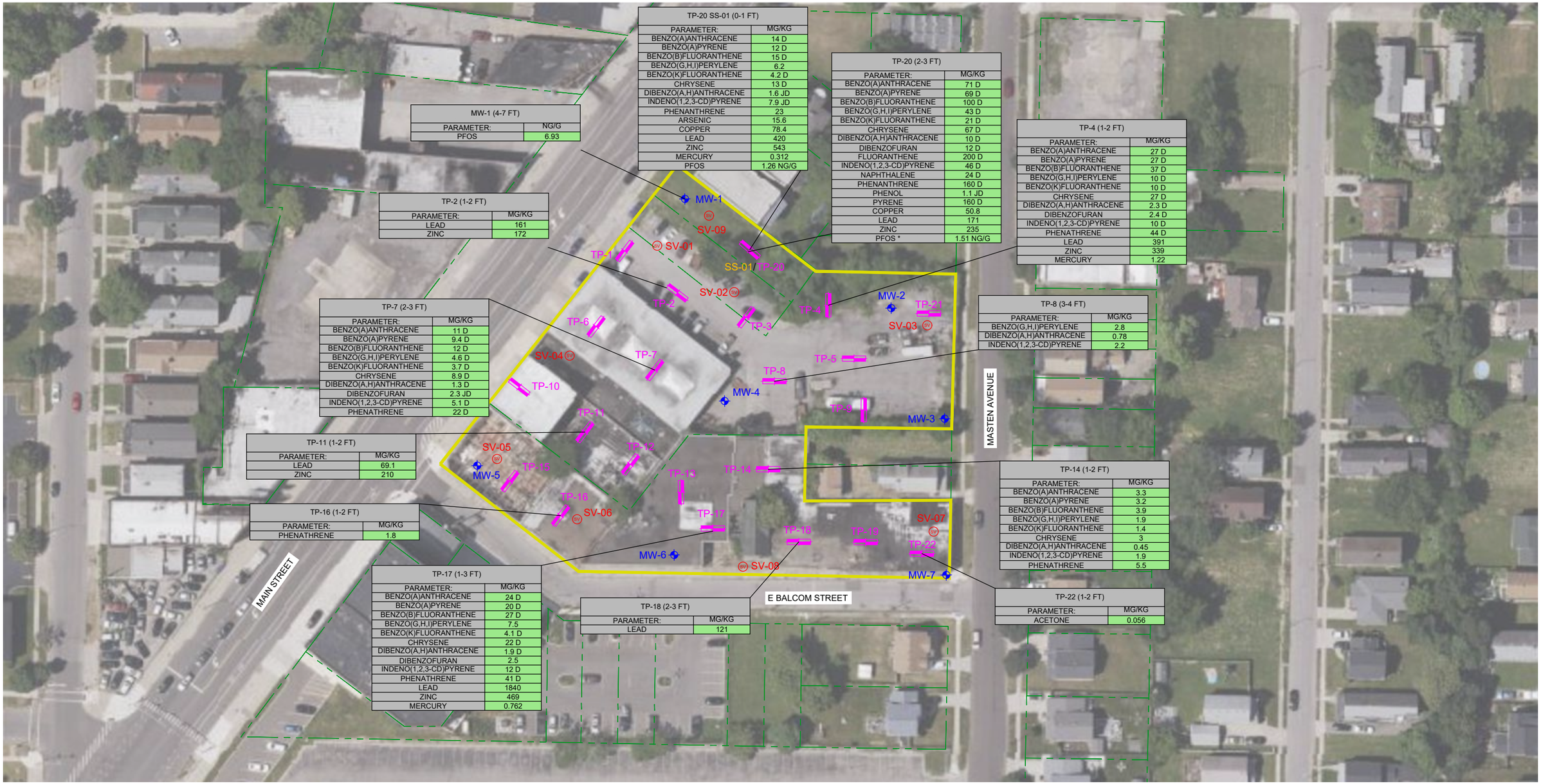
PREVIOUS INVESTIGATION SAMPLE LOCATIONS
RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Prepared for:

1681-1689 MAIN STREET, LLC

ROUX

Compiled by: CEH	Date: JULY 2024	FIGURE
Prepared by: CEH	Scale: AS SHOWN	3
Project Mgr: NTM	Project: 4461.001B002	
File: FIGURE 3 - PREVIOUS INVESTIGATION LOCATIONS.DWG		



TP-20 SS-01 (0-1 FT)	
PARAMETER:	MG/KG
BENZO(A)ANTHRACENE	14 D
BENZO(A)PYRENE	12 D
BENZO(B)FLUORANTHENE	15 D
BENZO(G,H,I)PERYLENE	6.2
BENZO(K)FLUORANTHENE	4.2 D
CHRYSENE	13 D
DIBENZO(A,H)ANTHRACENE	1.6 JD
INDENO(1,2,3-CD)PYRENE	7.9 JD
PHENANTHRENE	23
ARSENIC	15.6
COPPER	78.4
LEAD	420
ZINC	543
MERCURY	0.312
PFOS	1.26 NG/G

MW-1 (4-7 FT)	
PARAMETER:	NG/G
PFOS	6.93

TP-20 (2-3 FT)	
PARAMETER:	MG/KG
BENZO(A)ANTHRACENE	71 D
BENZO(A)PYRENE	69 D
BENZO(B)FLUORANTHENE	100 D
BENZO(G,H,I)PERYLENE	43 D
BENZO(K)FLUORANTHENE	21 D
CHRYSENE	67 D
DIBENZO(A,H)ANTHRACENE	10 D
DIBENZOFURAN	12 D
FLUORANTHENE	200 D
INDENO(1,2,3-CD)PYRENE	46 D
NAPHTHALENE	24 D
PHENANTHRENE	160 D
PHENOL	1.1 JD
PYRENE	160 D
COPPER	50.8
LEAD	171
ZINC	235
PFOS *	1.51 NG/G

TP-4 (1-2 FT)	
PARAMETER:	MG/KG
BENZO(A)ANTHRACENE	27 D
BENZO(A)PYRENE	27 D
BENZO(B)FLUORANTHENE	37 D
BENZO(G,H,I)PERYLENE	10 D
BENZO(K)FLUORANTHENE	10 D
CHRYSENE	27 D
DIBENZO(A,H)ANTHRACENE	2.3 D
DIBENZOFURAN	2.4 D
INDENO(1,2,3-CD)PYRENE	10 D
PHENATHRENE	44 D
LEAD	391
ZINC	339
MERCURY	1.22

TP-2 (1-2 FT)	
PARAMETER:	MG/KG
LEAD	161
ZINC	172

TP-7 (2-3 FT)	
PARAMETER:	MG/KG
BENZO(A)ANTHRACENE	11 D
BENZO(A)PYRENE	9.4 D
BENZO(B)FLUORANTHENE	12 D
BENZO(G,H,I)PERYLENE	4.6 D
BENZO(K)FLUORANTHENE	3.7 D
CHRYSENE	8.9 D
DIBENZO(A,H)ANTHRACENE	1.3 D
DIBENZOFURAN	2.3 JD
INDENO(1,2,3-CD)PYRENE	5.1 D
PHENATHRENE	22 D

TP-8 (3-4 FT)	
PARAMETER:	MG/KG
BENZO(G,H,I)PERYLENE	2.8
DIBENZO(A,H)ANTHRACENE	0.78
INDENO(1,2,3-CD)PYRENE	2.2

TP-11 (1-2 FT)	
PARAMETER:	MG/KG
LEAD	69.1
ZINC	210

TP-14 (1-2 FT)	
PARAMETER:	MG/KG
BENZO(A)ANTHRACENE	3.3
BENZO(A)PYRENE	3.2
BENZO(B)FLUORANTHENE	3.9
BENZO(G,H,I)PERYLENE	1.9
BENZO(K)FLUORANTHENE	1.4
CHRYSENE	3
DIBENZO(A,H)ANTHRACENE	0.45
INDENO(1,2,3-CD)PYRENE	1.9
PHENATHRENE	5.5

TP-16 (1-2 FT)	
PARAMETER:	MG/KG
PHENATHRENE	1.8

TP-17 (1-3 FT)	
PARAMETER:	MG/KG
BENZO(A)ANTHRACENE	24 D
BENZO(A)PYRENE	20 D
BENZO(B)FLUORANTHENE	27 D
BENZO(G,H,I)PERYLENE	7.5
BENZO(K)FLUORANTHENE	4.1 D
CHRYSENE	22 D
DIBENZO(A,H)ANTHRACENE	1.9 D
DIBENZOFURAN	2.5
INDENO(1,2,3-CD)PYRENE	12 D
PHENATHRENE	41 D
LEAD	1840
ZINC	469
MERCURY	0.762

TP-18 (2-3 FT)	
PARAMETER:	MG/KG
LEAD	121

TP-22 (1-2 FT)	
PARAMETER:	MG/KG
ACETONE	0.056

LEGEND:

- BCP BOUNDARY
- PARCEL BOUNDARY
- TP-1 — RI TEST PIT LOCATION
- MW-1 — RI SOIL BORING/MONITORING WELL LOCATION
- SV-01 — RI SOIL VAPOR SAMPLE LOCATION
- SS-01 — RI SURFACE SOIL SAMPLE LOCATION

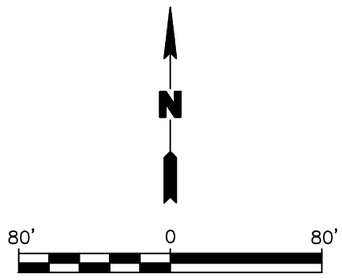
VALUES PER 6 NYCRR PART 375 SOIL CLEANUP OBJECTIVES (SCOs):

EXCEEDS PART 375 USCOs

NOTES:
1. TOTAL CONCENTRATIONS IN MG/KG
*. FOUND AT DEPTHS 1-3 FT

DEFINITIONS:
J = ESTIMATED VALUE; RESULT IS LESS THAN THE SAMPLE QUANTITATION LIMIT BUT GREATER THAN ZERO.

D = CONCENTRATION OF ANALYTE WAS QUANTIFIED FROM DILUTED ANALYSIS.



Title:
RI INVESTIGATION LOCATIONS AND SOIL EXCEEDANCES
RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Prepared for:
1681-1689 MAIN STREET, LLC

ROUX

Compiled by: JJY	Date: MARCH 2026
Prepared by: JJY	Scale: AS SHOWN
Project Mgr: NTM	Project: 4461.001B002
File: FIGURE 4 - RI INVESTIGATION LOCATIONS AND SOIL EXCEEDANCES_REV.DWG	

FIGURE 4

MW-4	4/1/2024	5/23/2024
BENZENE	1.6 ug/L	0.27 J ug/L
CIS-1,2-DICHLOROETHENE	11 ug/L	1.2 J ug/L
BENZO(B)FLUORANTHENE	ND	0.04 J ug/L
PHENOL	ND	1.2 J ug/L

MW-5	4/4/2024	7/10/2024
BROMOMETHANE	ND	6.4 ug/L
TRICHLOROETHENE	7.2 ug/L	9.1 ug/L
BENZO(A)ANTHRACENE	0.04 J ug/L	ND
BENZO(A)PYRENE	0.03 J ug/L	ND
BENZO(B)FLUORANTHENE	0.05 J ug/L	ND
BENZO(K)FLUORANTHENE	0.02 J ug/L	ND
CHRYSENE	0.03 J ug/L	ND
INDENO(1,2,3-CD)PYRENE	0.02 J ug/L	ND

MW-3	4/1/2024	5/23/2024
ACETONE	54 ug/L	24 ug/L
BENZO(A)ANTHRACENE	0.02 J ug/L	ND

MW-6	4/4/2024	7/10/2024
1,1-DICHLOROETHENE	ND	10 ug/L
CIS-1,2-DICHLOROETHENE	1300 ug/L	1600 ug/L
TRANS-1,2-DICHLOROETHENE	49 ug/L	53 ug/L
TRICHLOROETHENE	3300 ug/L	3,000 ug/L
VINYL CHLORIDE	79 ug/L	94 ug/L

MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
MW-7
MAIN STREET
MASTEN AVENUE
E BALCOM STREET

LEGEND:

- BCP BOUNDARY
- PARCEL BOUNDARY
- MW-1 RI MONITORING WELL LOCATION
- EXCEEDS NYSDEC DIVISION OF WATER AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES AND GROUNDWATER EFFLUENT LIMITATIONS - CLASS GA

NOTES:
ND - PARAMETER NOT DETECTED ABOVE LABORATORY DETECTION LIMIT
J - ESTIMATED VALUE - BELOW CALIBRATION RANGE

N

60' 0 60'

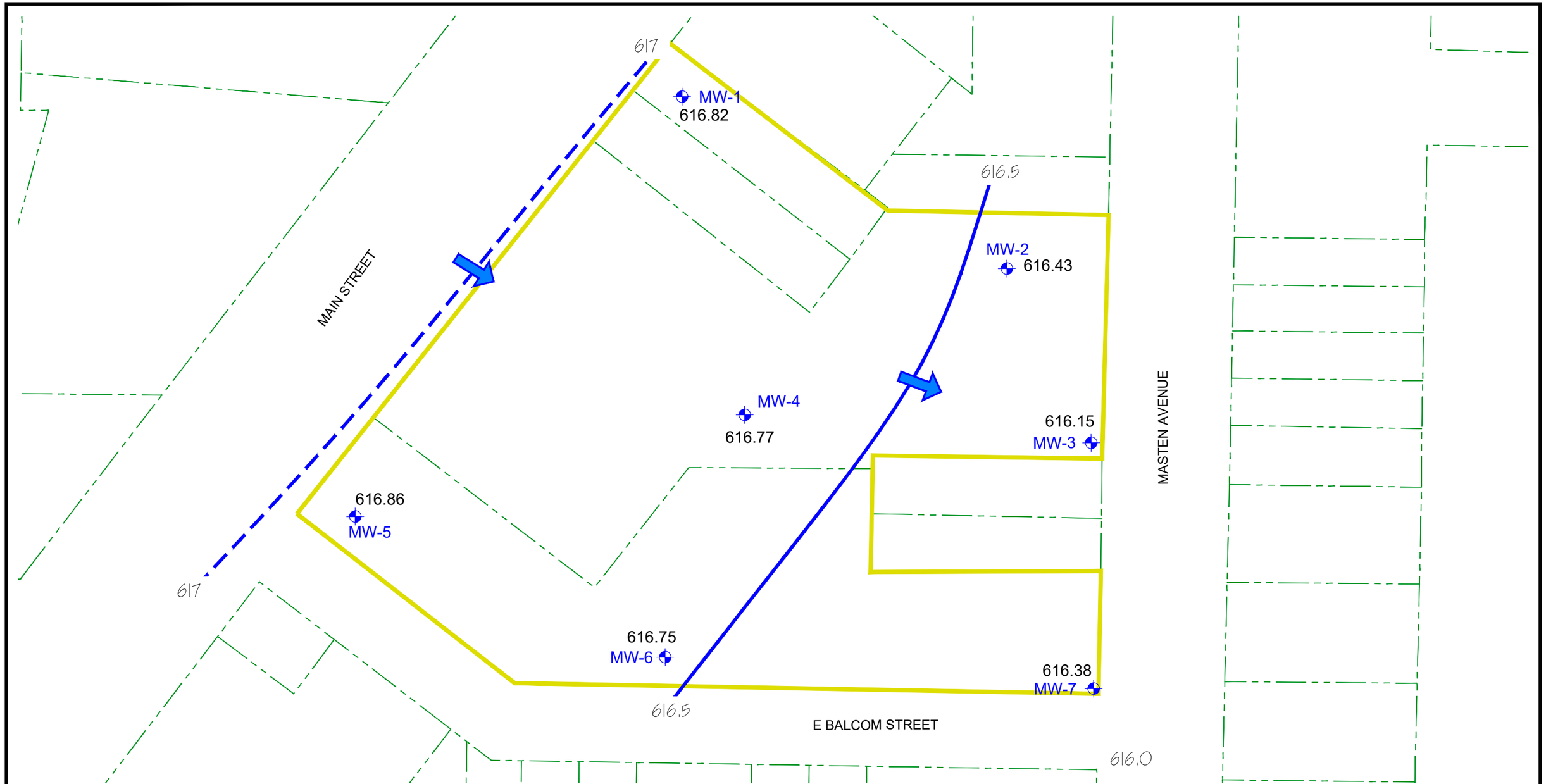
Title: **RI GROUNDWATER SAMPLE LOCATIONS & SELECT GROUNDWATER ANALYTICAL RESULTS**

RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Prepared for:
1681-1689 MAIN STREET, LLC

ROUX

Compiled by: CEH	Date: JULY 2024	FIGURE
Prepared by: CEH	Scale: AS SHOWN	5
Project Mgr: NTM	Project: 4461.001B002	
File: FIGURE 5 - RI GROUNDWATER SAMPLE LOCATIONS AND EXCEEDANCES.DWG		



LEGEND:

- BCP BOUNDARY
- PARCEL BOUNDARY
- MW-1 — RI MONITORING WELL LOCATION
- 580 — GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION

NOTE:
GROUNDWATER ELEVATIONS PER ROUX ON MAY 3, 2024.

N

50' 0 50'

Title:

GROUNDWATER ISOPOTENTIAL MAP

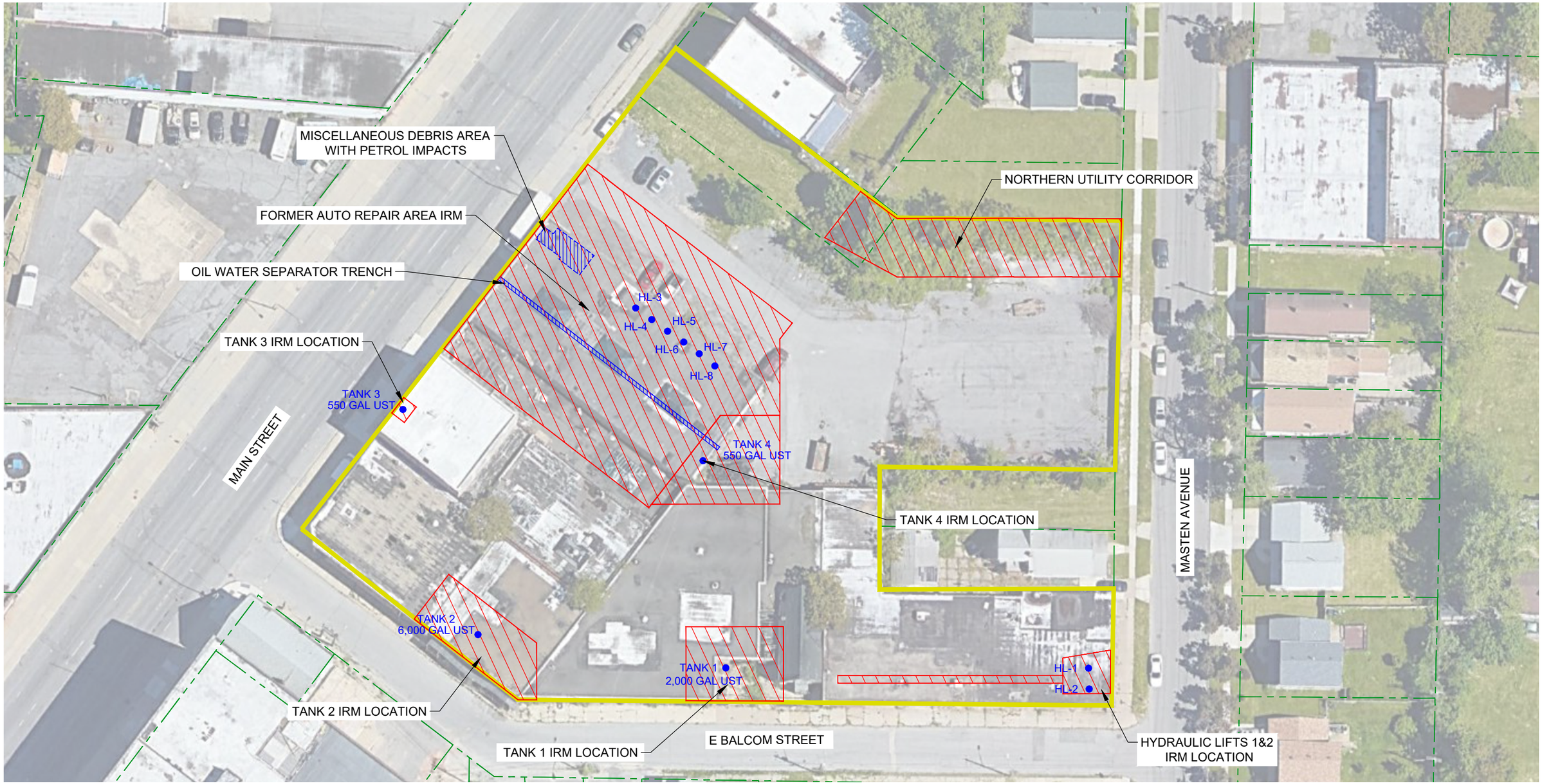
RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Prepared for:

1681-1689 MAIN STREET, LLC

ROUX

Compiled by: CEH	Date: APRIL 2024	FIGURE
Prepared by: CEH	Scale: AS SHOWN	6
Project Mgr: NTM	Project: 4461.001B002	
File: FIGURE 6 - GROUNDWATER ISOPOTENTIAL MAP.DWG		



LEGEND:

- BCP BOUNDARY
- PARCEL BOUNDARY
- INTERIM REMEDIAL MEASURES EXCAVATION EXTENTS

N

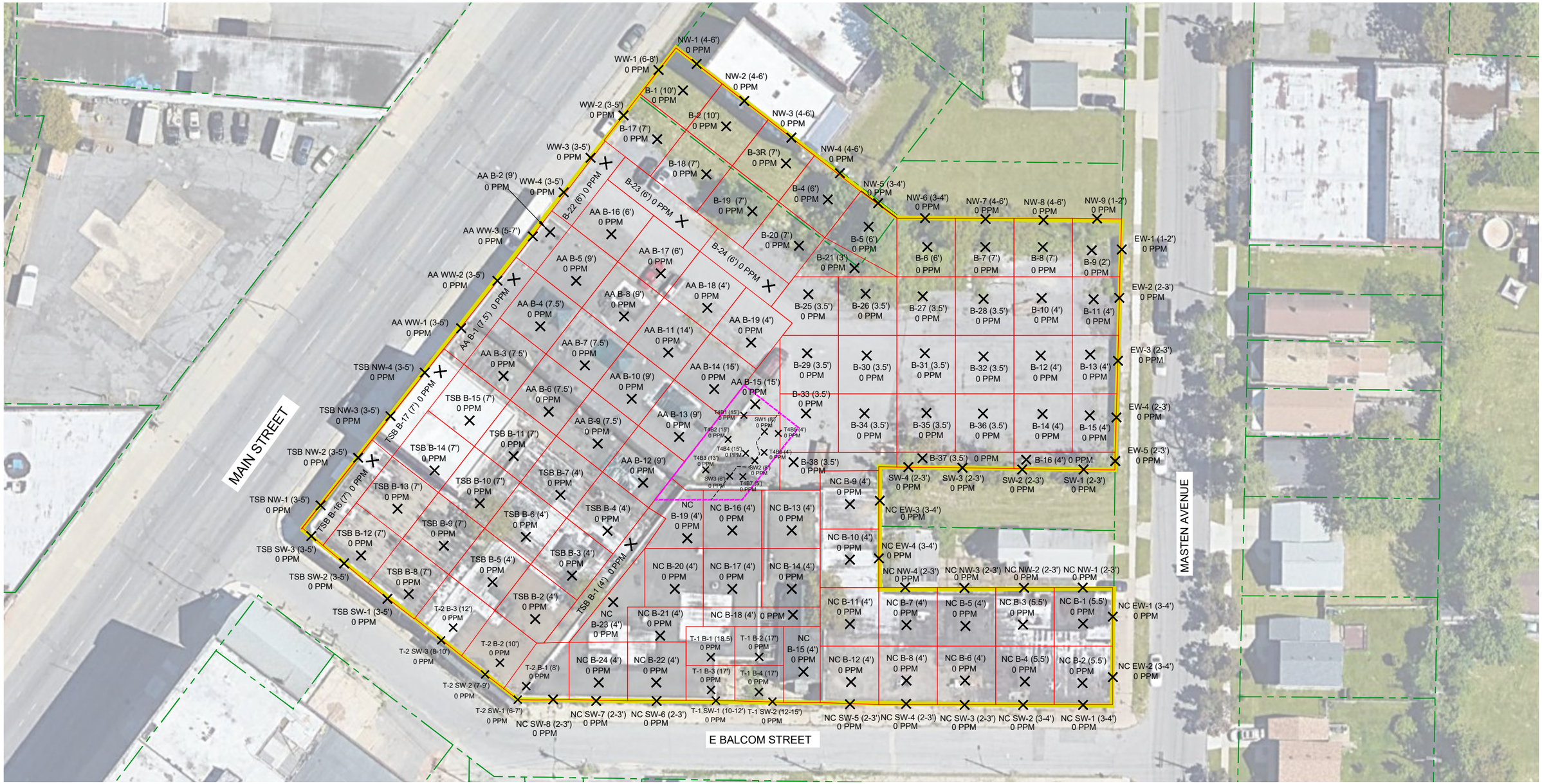
50’ 0 50’

Title:
SELECT INTERIM REMEDIAL MEASURES LOCATIONS
RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Prepared for:
1681-1689 MAIN STREET, LLC

ROUX

Compiled by: JJY	Date: MARCH	FIGURE
Prepared by: JJY	Scale: 2026	7
Project Mgr: NTM	Project: 4461.00010002	
File: FIGURE 7 - INTERIM REMEDIAL MEASURES LOCATIONS_REV1.DWG		



LEGEND:

- BCP BOUNDARY
- PARCEL BOUNDARY
- B-6 (6 FT) — POST EXCAVATION SAMPLE LOCATION
- EXCAVATION EXTENTS
- EXCAVATION EXTENTS OF TANK 4 AREA - SEE FIGURE 14

DEFINITIONS:
AA - FORMER AUTO REPAIR AREA
NC - FORMER NIGHT CLUB AREA
TSB - FORMER THREE-STORY BUILDING AREA

N

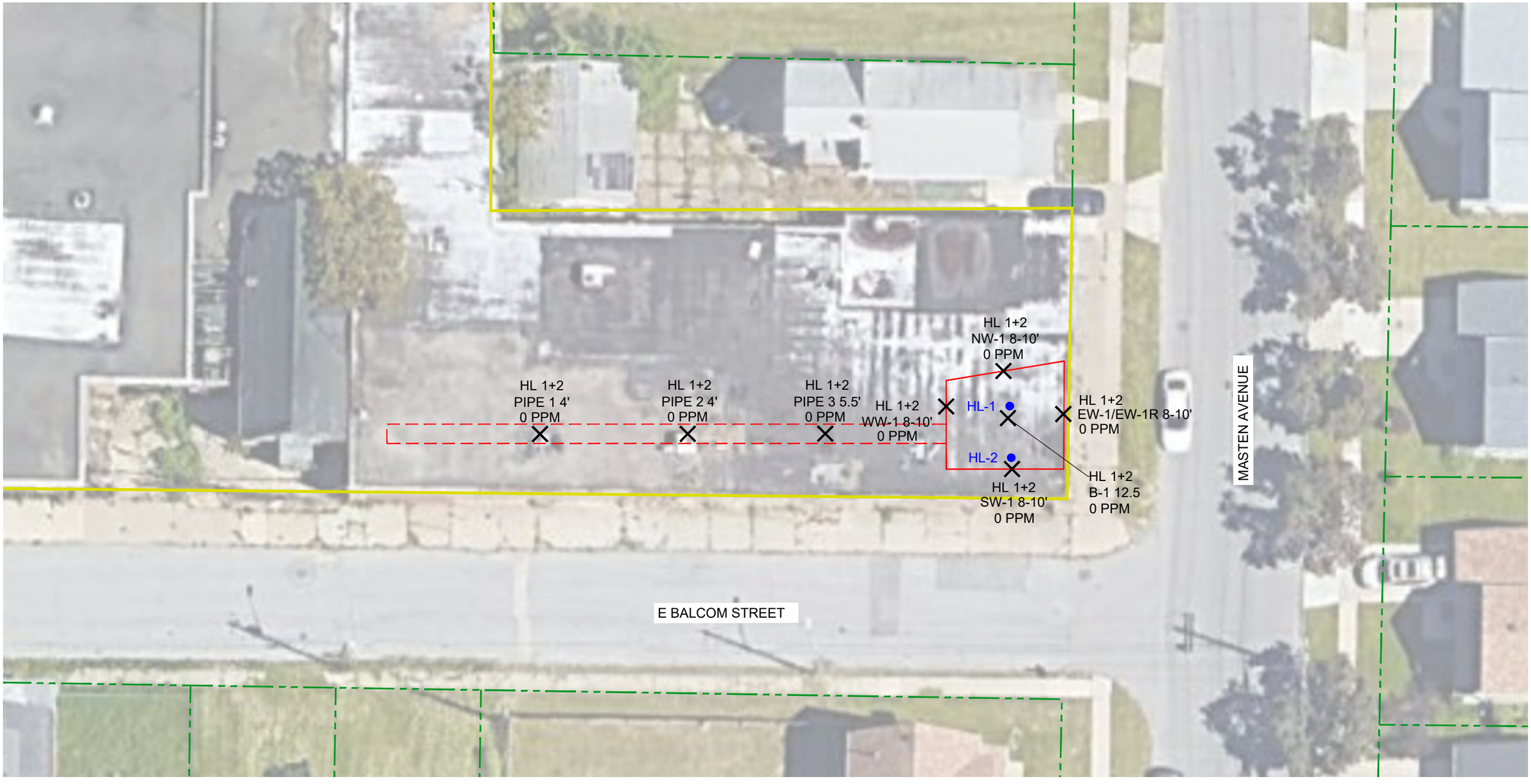
50' 0 50'

Title:
POST EXCAVATION SAMPLE LOCATIONS
RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Prepared for:
1681-1689 MAIN STREET, LLC

ROUX

Compiled by: JJY	Date: MARCH 2026	FIGURE
Prepared by: JJY	Scale: AS SHOWN	8
Project Mgr: NTM	Project: 4461.00010002	
File: FIGURE 8 - POST EXCAVATION SAMPLE LOCATIONS_REV.DWG		



LEGEND:

- BCP BOUNDARY
- PARCEL BOUNDARY
- HYDRAULIC LIFTS 1&2 IRM EXCAVATION EXTENTS
- HYDRAULIC LIFTS 1+2 PIPE TRENCH EXCAVATION EXTENTS
- HL 1+2 B-1 12.5 — POST EXCAVATION SAMPLE LOCATION
- HL-1 — FORMER HYDRAULIC LIFT LOCATION

N

20' 0 20'

Title: **HYDRAULIC LIFTS 1&2 POST EXCAVATION SAMPLE LOCATIONS**

RI-IRM-AA REPORT

1681-1689 MAIN STREET SITE

BCP SITE NO. C915378

BUFFALO, NEW YORK

Prepared for:

1681-1689 MAIN STREET, LLC

ROUX

Compiled by: CEH	Date: APRIL 2024	FIGURE
Prepared by: CEH	Scale: AS SHOWN	9
Project Mgr: NTM	Project: 4461.00010002	
File: FIGURE 9 - HYDRAULIC LIFTS 1 & 2 POST EXCAVATION SAMPLE LOCATIONS.DWG		

LEGEND:

- BCP BOUNDARY
- PARCEL BOUNDARY
- T-1 B-1 (18.5 FT) — POST EXCAVATION SAMPLE LOCATION
- EXCAVATION EXTENTS

N

20' 0 20'

Title:

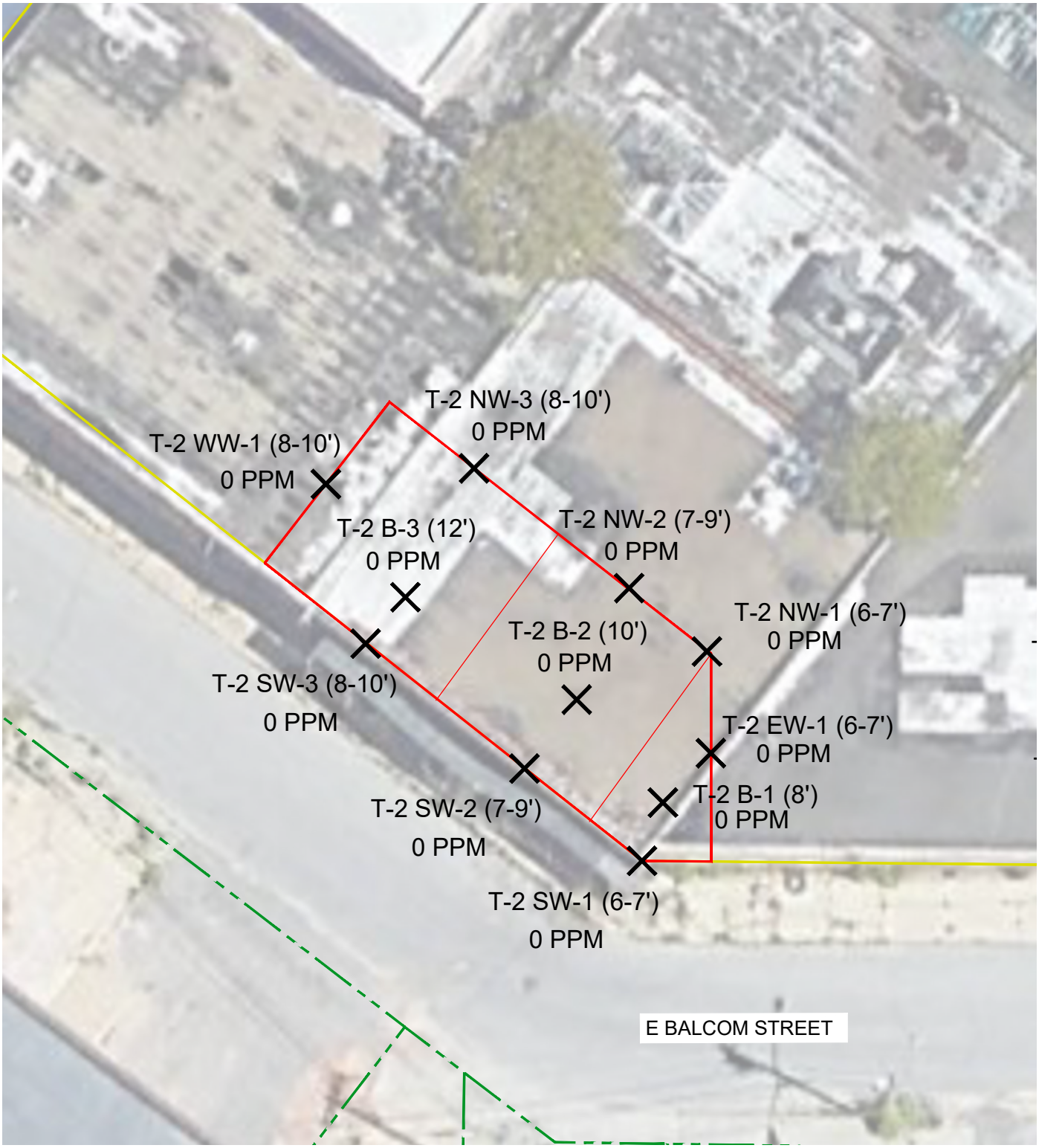
TANK 1 POST EXCAVATION SAMPLE LOCATIONS
RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO.C915378
BUFFALO, NY

Prepared for:

1681-1689 MAIN STREET LLC

ROUX

Compiled by: CEH	Date: AUGUST 2024	FIGURE
Prepared by: CEH	Scale: AS SHOWN	10
Project Mgr: NTM	Project: 4461.0001B002	
File: FIGURE 10 - TANK 1 POST EXAVATION SAMPLE LOCATIONS.DWG		



LEGEND:

- BCP BOUNDARY
- PARCEL BOUNDARY
- T-2 B-1 (8') — POST EXCAVATION SAMPLE LOCATION
- EXCAVATION EXTENTS

N

20' 0 20'

Title:

TANK 2 POST EXCAVATION SAMPLE LOCATIONS
RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO.C915378
BUFFALO, NY

Prepared for:

1681-1689 MAIN STREET LLC

ROUX

Compiled by: CEH	Date: AUGUST 2024	FIGURE
Prepared by: CEH	Scale: AS SHOWN	11
Project Mgr: NTM	Project: 4461.0001B002	
File: FIGURE 11 - TANK 2 POST EXAVATION SAMPLE LOCATIONS.DWG		

LEGEND:

- BCP BOUNDARY
- PARCEL BOUNDARY
- T-3 B-1 (7.5') — POST EXCAVATION SAMPLE LOCATION
- EXCAVATION EXTENTS

N

20' 0 20'

Title:

TANK 3 POST EXCAVATION SAMPLE LOCATIONS
RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO.C915378
BUFFALO, NY

Prepared for:

1681-1689 MAIN STREET LLC

ROUX

Compiled by: CEH	Date: AUGUST 2024	FIGURE
Prepared by: CEH	Scale: AS SHOWN	12
Project Mgr: NTM	Project: 4461.0001B002	
File: FIGURE 12 - TANK 3 POST EXAVATION SAMPLE LOCATIONS.DWG		

LEGEND:

EXCAVATION EXTENTS

T4B4 POST EXCAVATION SAMPLE LOCATION

N

20' 0 20'

Title:

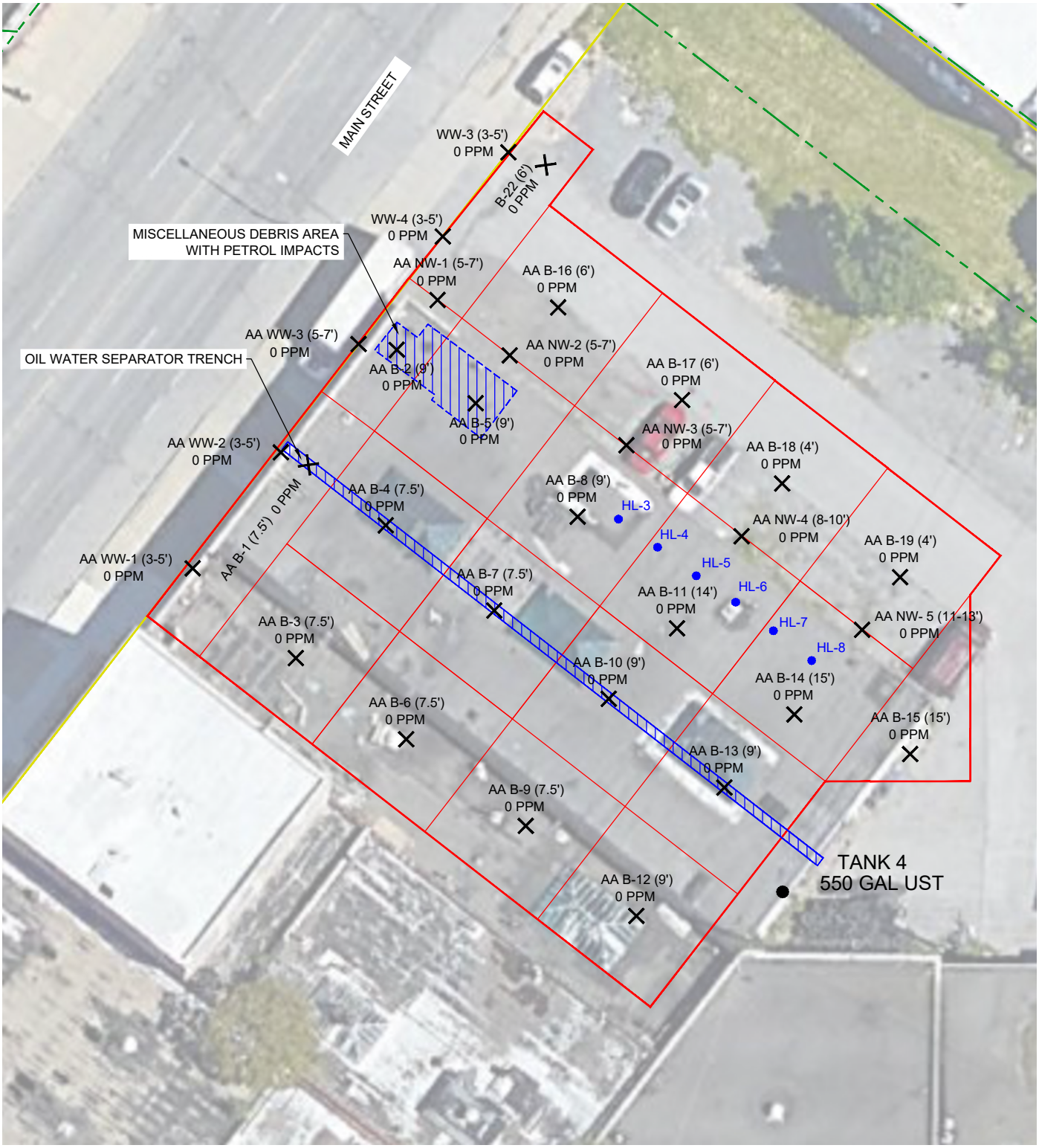
TANK 4 POST EXCAVATION SAMPLE LOCATIONS
RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO.C915378
BUFFALO, NY

Prepared for:

1681-1689 MAIN STREET LLC

ROUX

Compiled by: JJY	Date: MARCH 2026	FIGURE
Prepared by: JJY	Scale: AS SHOWN	13
Project Mgr: NTM	Project: 4461.0001B002	
File: FIGURE 13 - TANK 4 POST EXAVATION SAMPLE LOCATIONS_REV.DWG		



LEGEND:

- BCP BOUNDARY
- PARCEL BOUNDARY
- AA B-1 (7.5') — POST EXCAVATION SAMPLE LOCATION
- EXCAVATION EXTENTS
- HL-3 — FORMER HYDRAULIC LIFT LOCATION

N

30' 0 30'

Title:

FORMER AUTO REPAIR AREA
POST EXCAVATION SAMPLE LOCATIONS
RI-IRM-AA REPORT
1681-1689 MAIN STREET SITE
BCP SITE NO.C915378
BUFFALO, NY

Prepared for:

1681-1689 MAIN STREET LLC

ROUX

Compiled by: JJY	Date: MARCH 2026	FIGURE
Prepared by: JJY	Scale: AS SHOWN	14
Project Mgr: NTM	Project: 4461.0001B002	
File: FIGURE 14 - AUTO REPAIR AREA POST EXAVATION SAMPLE LOCATIONS_REV.DWG		

LEGEND:

- PROPERTY BOUNDARY
- MW-4 MONITORING WELL
- TW-3 MONITORING WELL - TEMPORARY
- UTILITIES - STORM
- UTILITIES - ELECTRIC
- IP-19 INJECTION POINT - COMPLETED

MAIN STREET

MW-1R

BUILDING A

MW-2

MW-3

MASTEN AVENUE

TW-4

IP-21

CLEANOUT

MW-4

APPROXIMATE LOCATION OF UNDERGROUND STORM

LIGHT POLE

IP-22

IP-26

TW-1

IP-20

IP-33

IP-24

IP-31

D.I.

IP-23

IP-27

IP-28

MW-5

IP-32

IP-30

IP-25

IP-29

TW-2

IP-18

IP-16

IP-12

IP-19

IP-03

IP-15

MANHOLE (TYP.)

IP-6 IP-10 IP-13

IP-17

MW-6

IP-11

IP-09

IP-14

ELECTRIC BOX

IP-01

IP-02

IP-04 IP-03 IP-05 IP-07

TW-3

MW-7

POWER POLE

EAST BALCOM STREET

N

20' 0 20'

Title:

REMEDIAL INJECTION LOCATIONS
1681-1689 MAIN STREET SITE
BCP SITE NO. C915378
BUFFALO, NEW YORK

Prepared for:

1681-1689 MAIN STREET LLC

ROUX

Compiled by: CMS	Date: APRIL 2025
Prepared by: CMS	Scale: AS SHOWN
Project Mgr: NTM	Project: 4461.0001B002
File: FIGURE X REMEDIAL INJECTION LOCATIONS_20250515.DWG	

15

F:\CAD\BENCHMARK\PIVOTAL HOUSING PARTNERS (FORMERLY WAHA PROPERTIES)\FIGURE X- REMEDIAL INJECTION LOCATIONS_20250515.DWG

APPENDICES

A. Project Photo Log
B. Boring and Test Pit Logs and Monitoring Well Completion Details
C. Groundwater Sampling Logs
D. Laboratory Analytical Data Packages
E. Community Air Monitoring Data
F. Data Usability Summary Reports
G. NYSDEC/Regulatory Documentation

APPENDIX A

Photolog

SITE PHOTOGRAPHS

Photo 1:

Photo 2:

Photo 3:

Photo 4:

Photo 1: RI Test Pits – TP-1

Photo 2: RI Test Pits – TP-1 fill material

Photo 3: RI Test Pits – TP-3

Photo 4: RI Test Pits – TP-3

SITE PHOTOGRAPHS

Photo 5:

Photo 6:

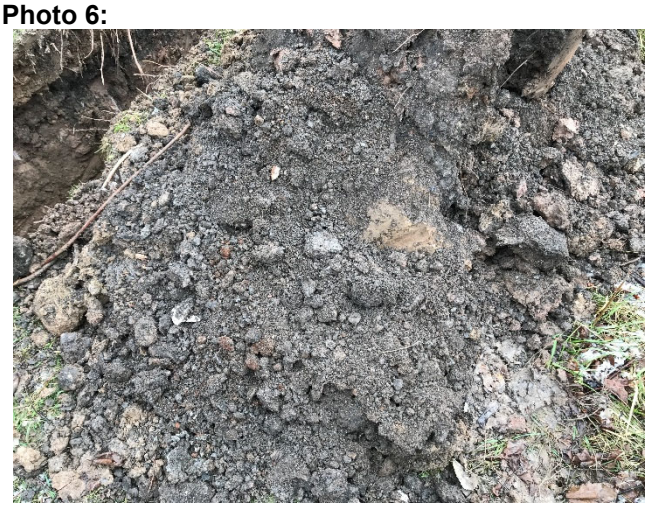


Photo 7:

Photo 8:

Photo 5: RI Test Pits – TP-20

Photo 6: RI Test Pits – TP-20 intermingled fill material

Photo 7: RI Test Pits – 1707 Main (TP-20) former building foundations/debris

Photo 8: RI Test Pits - TP-5

SITE PHOTOGRAPHS

Photo 9:

Photo 10:

Photo 11:

Photo 12:

Photo 9: RI Test Pits – TP- 15

Photo 10: RI Test Pit – TP-16

Photo 11: RI Test Pits – TP-16 identification of Tank 2 piping

Photo 12: RI Test Pits – TP-17

SITE PHOTOGRAPHS

Photo 13:

Photo 14:

Photo 15:

Photo 16:

Photo 13: RI SBs and Well Installation – MW-1 soil boring

Photo 14: RI SBs and Well Installation – MW-1 auger well installation

Photo 15: RI SBs and Well Installation – MW-5

Photo 16: RI SBs and Well Installation – MW-5

SITE PHOTOGRAPHS

Photo 17:

Photo 18:

Photo 17: RI SBs and Well Installation – MW-4

Photo 18: RI SBs and Well Installation – MW-3

Photo 19:

Photo 20:

SITE PHOTOGRAPHS

Photo 21:

Photo 22:

Photo 23:

Photo 24:

Photo 21: View of the IRM Utility Corridor Excavation

Photo 22: View of the IRM Utility Corridor – property corner along Masten Avenue.

Photo 23: View of the IRM Utility Corridor

Photo 24: View of the IRM Utility Corridor – Pole Installation

SITE PHOTOGRAPHS

Photo 25:

Photo 26:

Photo 27:

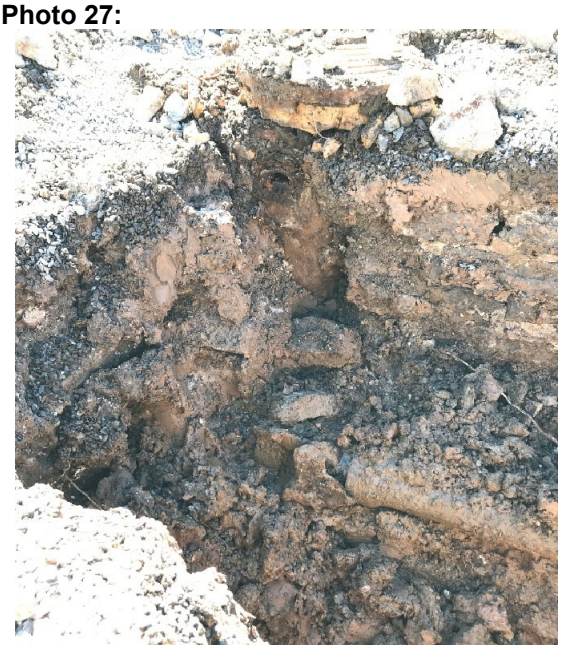


Photo 28:

Photo 25: Night Club Hydraulic Lift IRM – Lifts identified after building demolition

Photo 26: NC HL IRM – identification of hydraulic lift lines and oil-water separator sumps beneath former garage slabs

Photo 27: NC HL IRM – Oil-water sump interconnecting piping

Photo 28: NC HL IRM – Hydraulic lift cylinder removals

SITE PHOTOGRAPHS

Photo 29:

Photo 30:

Photo 31:

Photo 32:

Photo 29: NC HL IRM – removal of hydraulic lift

Photo 30: NC HL IRM – staging of hydraulic lift cylinders for cleaning

Photo 31: NC HL IRM – removed hydraulic lift and piping conditions (holes identified)

Photo 32: NC HL IRM – impacted fill excavation

SITE PHOTOGRAPHS

Photo 33:

Photo 34:

Photo 35:

Photo 36:

Photo 33: NC HL IRM – impacted fill excavation

Photo 34:NC HL IRM – backfill

Photo 35: Tank 1 IRM Area – Uncovering Tank 1

Photo 36:Tank 1 IRM Area – Uncovering Tank 1

SITE PHOTOGRAPHS

Photo 37:

Photo 38:

Photo 39:

Photo 40:

Photo 37: Tank 1 IRM – overburden grossly impacted fill material

Photo 38: Tank 1 IRM – ESG Vacuuming out contents

Photo 39: Tank 1 IRM – ESG Vacuuming out contents.

Photo 40: Tank 1 IRM – Tank 1 removal – contents disposed with impacted fill

SITE PHOTOGRAPHS

Photo 41:

Photo 42:

Photo 43:

Photo 44:

Photo 41: Tank 1 IRM – IRM excavation

Photo 42: Tank 1 IRM – IRM excavation

Photo 43: Tank 1 IRM – IRM excavation

Photo 44: Tank 1 IRM – backfill

SITE PHOTOGRAPHS

Photo 45:

Photo 46:

Photo 47:

Photo 48:

Photo 45: Tank 2 IRM – Identification and uncovering Tank 2

Photo 46: Tank 2 IRM – Piping removal

Photo 47: Tank 2 IRM – Product identified in overburden fill

Photo 48: Tank 2 IRM – Tank 2 – ESG cleaning tank.

SITE PHOTOGRAPHS

Photo 49:

Photo 50:

Photo 51:

Photo 52:

Photo 49: Tank 2 IRM – Tank 2 excavation area

Photo 50: Tank 2 IRM – Tank 2 excavation area

Photo 51: Tank 2 IRM – Tank 2 excavation area

Photo 52: Tank 2 IRM – Tank 2 excavation backfill

SITE PHOTOGRAPHS

Photo 53:

Photo 54:

Photo 55:

Photo 56:

Photo 53: Tank 3 IRM Area – Tank 3

Photo 54: Tank 3 IRM Area – Tank 3

Photo 55: Tank 3 and TSB IRM Area – Tank 3 removal

Photo 56: Tank 3 and TSB IRM Area – concrete vault along Main Street

SITE PHOTOGRAPHS

Photo 57:

Photo 58:

Photo 59:

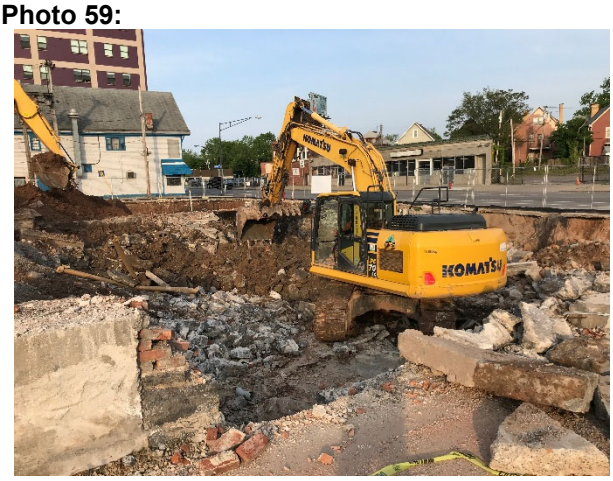


Photo 60:

Photo 57: Tank 3 and TSB IRM Area – concrete vault along Main Street

Photo 58: Tank 3 IRM Area – tank cleaned and cut for scrap

Photo 59: Tank 3 and TSB IRM Area – concrete vault along Main Street

Photo 60: Tank 3 and TSB IRM Area – area of former vault.

SITE PHOTOGRAPHS

Photo 61:

Photo 62:

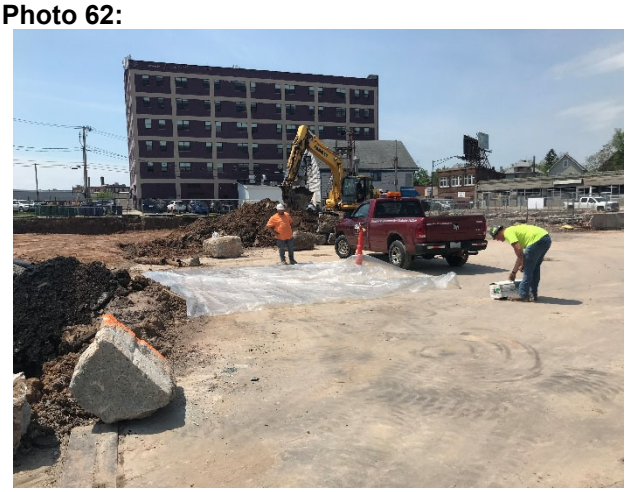


Photo 63:

Photo 64:

Photo 61: Tank 4 IRM Area – uncovering Tank 4

Photo 62: Tank 4 IRM Area –plastic laydown area

Photo 63: Tank 4 IRM Area – hazardous impacted fill stockpile

Photo 64: Tank 4 IRM Area – tank 4 conditions – holes identified

SITE PHOTOGRAPHS

Photo 65:

Photo 66:

Photo 67:

Photo 68:

Photo 65: Tank 4 IRM Area – ESG removing tank contents

Photo 66: Tank 4 IRM Area – Tank 4 staged on plastic

Photo 67: Tank 4 IRM Area – impacted fill stockpile and Tank 4 staged.

Photo 68: Tank 4 IRM Area – example of Tank 4 area delineation test pit (TSCA/RCRA)

SITE PHOTOGRAPHS

Photo 69:

Photo 70:

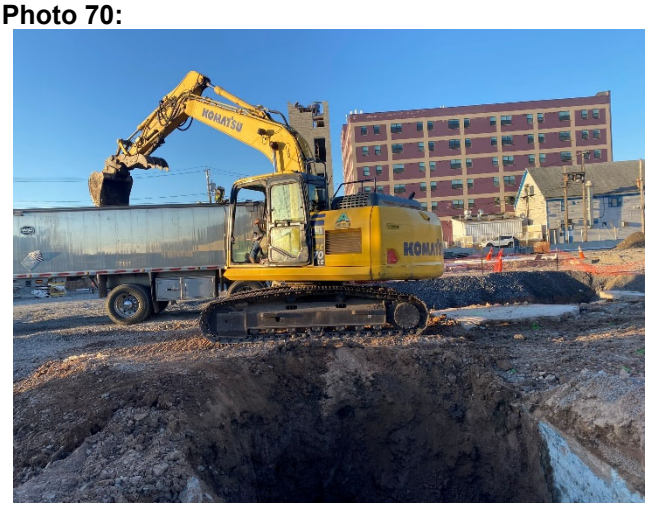


Photo 71:

Photo 72:

Photo 69: Tank 4 IRM Area – loading of hazardous fill

Photo 70: Tank 4 IRM Area – loading of hazardous fill

Photo 71: Tank 4 IRM Area – TSCA RCRA Excavation

Photo 72: Tank 4 IRM Area – stained concrete disposed with hazardous fill material

SITE PHOTOGRAPHS

Photo 73:

Photo 74:

Photo 75:

Photo 76:

Photo 73: Automobile Repair Area IRM – area of petroleum impacted fill debris and bedding sand

Photo 74: Automobile Repair Area IRM – area of petroleum impacted fill debris and bedding sand

Photo 75: Automobile Repair Area IRM – removal of hydraulic lift

Photo 76: Automobile Repair Area IRM – removal of hydraulic lift

SITE PHOTOGRAPHS

Photo 77:

Photo 78:

Photo 79:

Photo 80:

Photo 77: Automobile Repair Area IRM – note reservoir piping

Photo 78: Automobile Repair Area IRM – removal of hydraulic lift cylinder

Photo 79: Automobile Repair Area IRM – hydraulic lifts staged for cleaning

Photo 80: Automobile Repair Area IRM – excavation of petroleum impacted fill

SITE PHOTOGRAPHS

Photo 81:

Photo 82:

Photo 83:

Photo 84:

Photo 81: Automobile Repair Area IRM – excavation of petroleum impacted fill

Photo 82: Automobile Repair Area IRM – excavation backfill

Photo 83: 1707 Main IRM Area – Elevated fill area

Photo 84: 1707 Main IRM Area – former building foundations intermingled debris

SITE PHOTOGRAPHS

Photo 85:

Photo 86:

Photo 87:

Photo 88:

Photo 85: 1707 Main IRM Area – former building foundations 1703-1707 Main Area

Photo 86: 1707 Main IRM Area – excavation

Photo 87: 1707 Main IRM Area – excavation

Photo 88: 1707 Main IRM Area – backfill

SITE PHOTOGRAPHS

Photo 89:

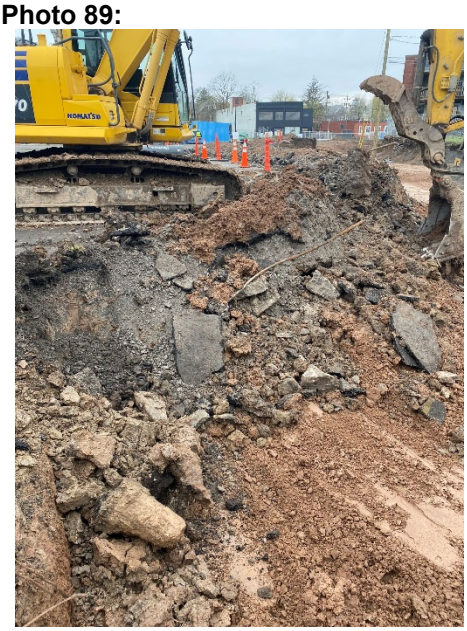


Photo 90:

Photo 91:

Photo 92:

Photo 89: USCO IRM excavation of elevated fill vicinity of TP-8

Photo 90: USCO IRM excavation of elevated fill vicinity of TP-5

Photo 91: USCO IRM Area – example of backfilling – vicinity of TP-14

Photo 92: USCO IRM Area – example of backfilling at corner of Masten Ave and E Balcom prior to temporary construction entrance.

APPENDIX B

Boring and Well Logs

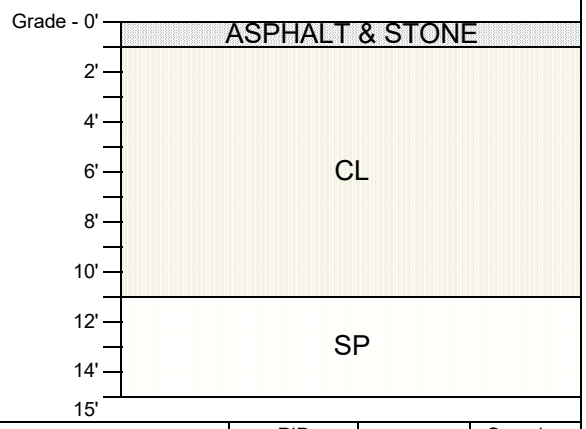
TEST PIT EXCAVATION LOG

Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-1**
Project No.:	4461.0001B002	Excavation Date:	03/22/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME				
Start:	14:00	Length:	8.0'	(approx.)
End:	14:30	Width:	3.0'	(approx.)
		Depth:	15.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-1'	**ASPHALT & STONE** Asphalt with stone subbase.	0.0		NO
1-11'	**POORLY GRADED SANDY CLAY:** Sandy brown clay. Dry from 1-7' & moist from 7-11'. Medium plasticity.	0.0		YES
11-15'	**POORLY GRADED SAND:** Moist, fine, grey to brown sand.	0.0		NO

COMMENTS:

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☑ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-1 2-3'
			Sample I.D.:
			Sample I.D.:

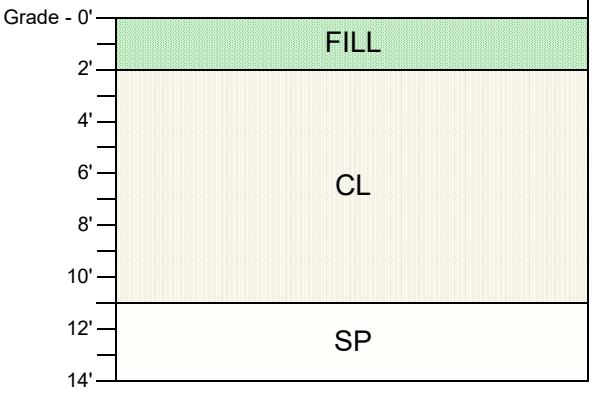
TEST PIT EXCAVATION LOG

Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-2**
Project No.:	4461.0001B002	Excavation Date:	03/22/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME				
Start	12:20	Length:	8.0'	(approx.)
End:	12:40	Width:	3.0'	(approx.)
		Depth:	14.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-2'	**FILL MATERIAL:** Mixed fill material consisting of primarily of stone with trace amounts of ash, cinders, and brick pieces.	0.0		YES
2-11'	**POORLY GRADED SANDY CLAY:** Sandy brown clay. Dry from 2-10' & moist from 10-11'. Medium plasticity.	0.0		NO
11-14'	**POORLY GRADED SAND:** Moist, fine, grey to brown sand.	0.0		NO

COMMENTS:

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☑ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-2 1-2' with ms/msd
			Sample I.D.:
			Sample I.D.:

TEST PIT EXCAVATION LOG

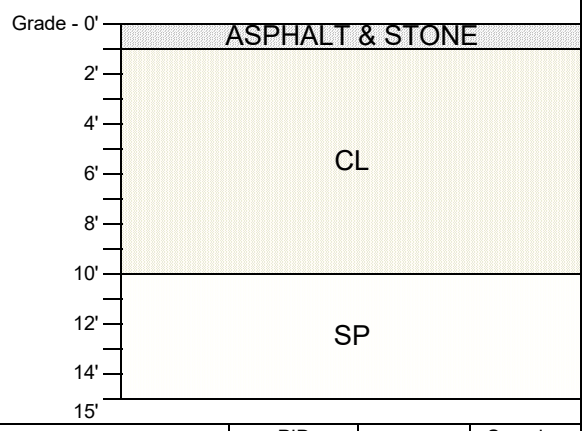
Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-3**
Project No.:	4461.0001B002	Excavation Date:	01/11/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME
Start 11:40
End: 12:00

Length:	8.0'	(approx.)
Width:	3.0'	(approx.)
Depth:	15.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-1'	**ASPHALT & STONE** Asphalt with stone subbase.	0.0		NO
1-10'	**POORLY GRADED SANDY CLAY:** Dry sandy redish brown clay. Medium plasticity.	0.0		YES
10-15'	**POORLY GRADED SAND:** Moist, fine, grey to brown sand.	0.0		NO

COMMENTS:

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☑ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-3 2-4'
			Sample I.D.:
			Sample I.D.:

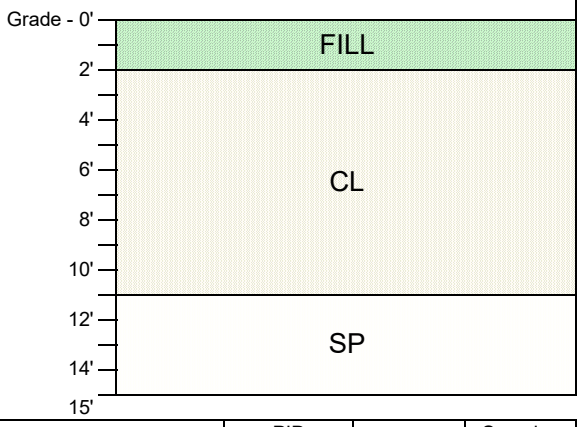
TEST PIT EXCAVATION LOG

Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-4**
Project No.:	4461.0001B002	Excavation Date:	01/11/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME				
Start:	13:00	Length:	8.0'	(approx.)
End:	13:20	Width:	3.0'	(approx.)
		Depth:	15.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-2'	**FILL MATERIAL:** Mixed fill material with some organic matter. Fill material consists of moist ash, brick, cinders, and black sandy fines.	0.0		YES
2-11'	**POORLY GRADED SANDY CLAY:** Dry sandy brown clay. Medium plasticity.	0.0		NO
11-15'	**POORLY GRADED SAND:** Moist, fine, grey to brown sand.	0.0		NO

COMMENTS:

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☑ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-4 1-2'
			Sample I.D.:
			Sample I.D.:

TEST PIT EXCAVATION LOG

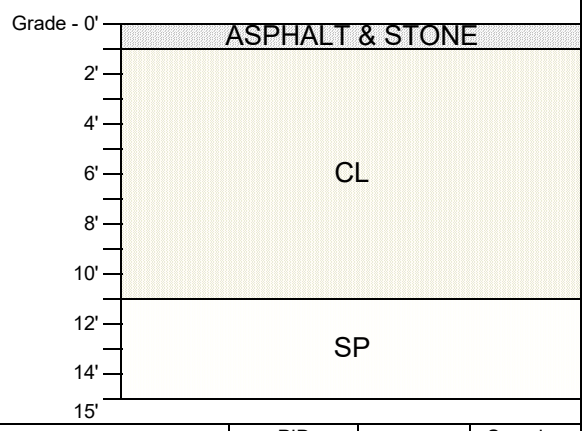
Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-5**
Project No.:	4461.0001B002	Excavation Date:	03/22/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME
Start 11:00
End: 11:20

Length:	8.0'	(approx.)
Width:	3.0'	(approx.)
Depth:	15.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-1'	**ASPHALT & STONE** Asphalt with stone subbase.	0.0		NO
1-11'	**POORLY GRADED SANDY CLAY:** Sandy brown clay. Dry from 1-10' & moist from 10-11'. Medium plasticity.	0.0		YES
11-15'	**POORLY GRADED SAND:** Moist, fine, grey to brown sand with trace amounts of clay.	0.0		NO

COMMENTS:

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☐ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-5 2-3'
			Sample I.D.:
			Sample I.D.:

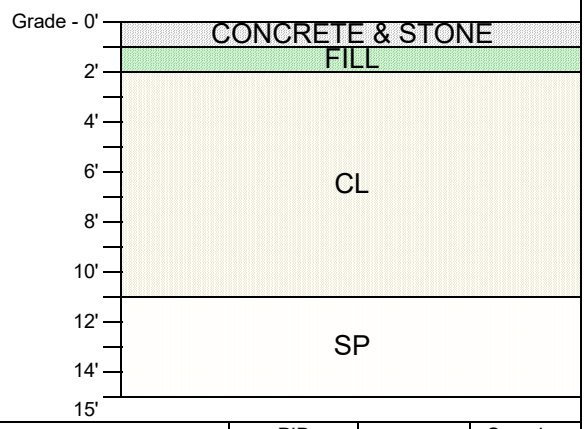
TEST PIT EXCAVATION LOG

Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-6**
Project No.:	4461.0001B002	Excavation Date:	03/22/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME				
Start:	13:10	Length:	8.0'	(approx.)
End:	13:30	Width:	3.0'	(approx.)
		Depth:	15.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-1'	**CONCRETE & STONE** Concrete with stone subbase.	0.0		NO
1-2'	**FILL MATERIAL:** Mixed fill material consisting of dry ash, cinders, and stone. Limited black staining in the excavated material with no odors and PID reading 0.0 ppm.	0.0		YES
2-11'	**POORLY GRADED SANDY CLAY:** Dry sandy brown clay. Medium plasticity.	0.0		NO
11-15'	**POORLY GRADED SAND:** Moist, fine, grey to brown sand.	0.0		NO

COMMENTS:

GROUNDWATER ENCOUNTERED:	☐ YES ☑ NO	If yes, depth to GW:	
VISUAL IMPACTS:	☑ YES ☐ NO	Describe:	Black stained fill material
OLFACTORY OBSERVATIONS:	☐ YES ☑ NO	Describe:	
NON-NATIVE FILL ENCOUNTERED:	☑ YES ☐ NO		
OTHER OBSERVATIONS:	☐ YES ☑ NO	Describe:	
SAMPLES COLLECTED:		Sample I.D.:	TP-6 1-2'
		Sample I.D.:	
		Sample I.D.:	

TEST PIT EXCAVATION LOG

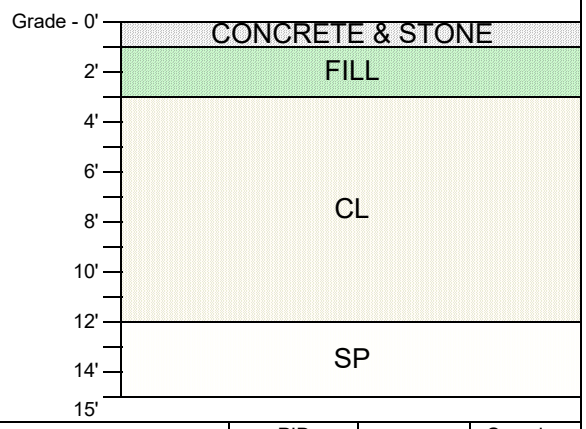
Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-7**
Project No.:	4461.0001B002	Excavation Date:	03/22/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME
Start 12:40
End: 13:10

Length:	8.0'	(approx.)
Width:	3.0'	(approx.)
Depth:	15.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-1'	**CONCRETE & STONE** Concrete with stone subbase.	0.0		NO
1-3'	**FILL MATERIAL:** Mixed fill material consisting of dry ash, cinders, and stone.	0.0		YES
3-12'	**POORLY GRADED SANDY CLAY:** Sandy brown clay. Medium plasticity. Dry from 3-10' and moist from 10-12'.	0.0		NO
12-15'	**POORLY GRADED SAND:** Moist, fine, grey to brown sand.	0.0		NO

COMMENTS:

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☑ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-7 2-3'
			Sample I.D.:
			Sample I.D.:

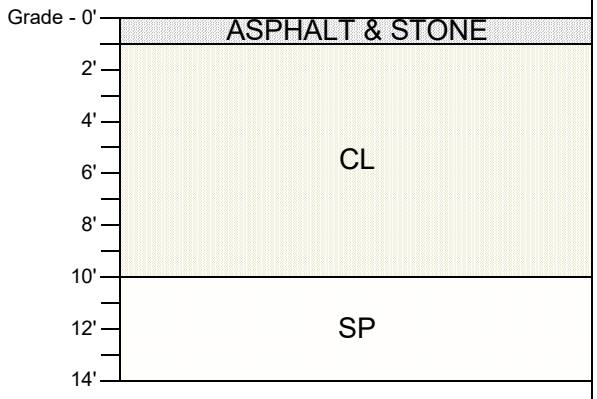
TEST PIT EXCAVATION LOG

Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-8**
Project No.:	4461.0001B002	Excavation Date:	03/22/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME				
Start	11:20	Length:	8.0'	(approx.)
End:	11:50	Width:	3.0'	(approx.)
		Depth:	14.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-1'	**ASPHALT & STONE** Asphalt with stone subbase.	0.0		NO
1-11'	**POORLY GRADED SANDY CLAY:** Dry sandy brown clay. Medium plasticity.	0.0		YES
11-14'	**POORLY GRADED SAND:** Moist, fine, grey to brown sand with trace amounts of clay.	0.0		NO

COMMENTS: Test pit advanced directly next to stormwater drain

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☑ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-8 3-4' with Blind Dup
			Sample I.D.:
			Sample I.D.:

TEST PIT EXCAVATION LOG

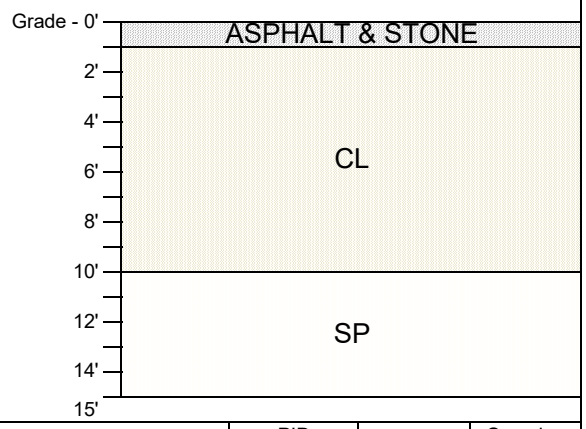
Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-9**
Project No.:	4461.0001B002	Excavation Date:	03/22/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME
Start 9:20
End: 9:50

Length:	8.0'	(approx.)
Width:	3.0'	(approx.)
Depth:	15.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-1'	**ASPHALT & STONE** Asphalt with stone subbase.	0.0		NO
1-11'	**POORLY GRADED SANDY CLAY:** Sandy brown clay. Medium plasticity. Dry from 1-10' and moist from 10-11'.	0.0		YES
11-15'	**POORLY GRADED SAND:** Moist, fine, grey to brown sand with trace amounts of clay.	0.0		NO

COMMENTS: Test pit advanced directly next to stormwater drain

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☑ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-9 2-3'
			Sample I.D.:
			Sample I.D.:

TEST PIT EXCAVATION LOG

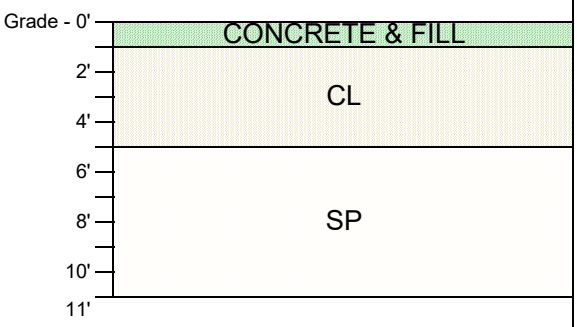
Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-10**
Project No.:	4461.0001B002	Excavation Date:	03/25/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME
Start 13:30
End: 14:00

Length:	8.0'	(approx.)
Width:	3.0'	(approx.)
Depth:	11.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-1'	**CONCRETE & FILL** Concrete from 0-0.5' and fill material from 0.5-1'. Fill material consists of a mix of black sandy fines, stone, brick pieces, ash, and cinders.	0.0		YES
1-5'	**POORLY GRADED SANDY CLAY:** Dry sandy brown clay. Medium plasticity.	0.0		YES
5-11'	**POORLY GRADED SAND:** Moist, fine, grey to brown sand.	0.0		NO

COMMENTS: Test pit advanced in basement of former third story building proximate Tank 3. Started 5.25 below grade.

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☑ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-10 0.5-2'
			Sample I.D.:
			Sample I.D.:

TEST PIT EXCAVATION LOG

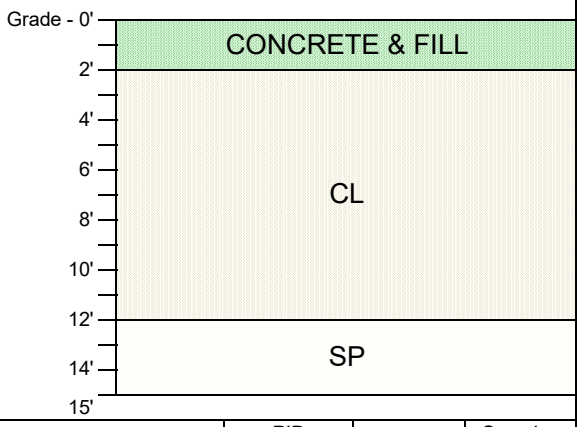
Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-11**
Project No.:	4461.0001B002	Excavation Date:	03/25/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME
Start 11:40
End: 12:10

Length:	8.0'	(approx.)
Width:	3.0'	(approx.)
Depth:	15.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-2'	**CONCRETE & FILL** Concrete with fill subbase. Approximately 4 inches of concrete. Fill material consisting of black stained ash, cinders, brick pieces and stone with minor petrol odors.	15.0 - 50.0		YES
2-12'	**POORLY GRADED SANDY CLAY:** Dry Sandy brown clay. Medium plasticity. PID reading 0.0-5.0 PPM from 2-3' with minor odors and no visible staining.	0.0 - 5.0		NO
12-15'	**POORLY GRADED SAND:** Moist, fine, grey to brown sand.	0.0		NO

COMMENTS:

GROUNDWATER ENCOUNTERED:	☐ YES ☑ NO	If yes, depth to GW:	
VISUAL IMPACTS:	☑ YES ☐ NO	Describe:	Black staining from 4" to 2'.
OLFACTORY OBSERVATIONS:	☑ YES ☐ NO	Describe:	Minor petrol odors from 4" to 3'.
NON-NATIVE FILL ENCOUNTERED:	☑ YES ☐ NO		
OTHER OBSERVATIONS:	☐ YES ☑ NO	Describe:	
SAMPLES COLLECTED:		Sample I.D.:	TP-11 1-2' with Blind Dup
		Sample I.D.:	
		Sample I.D.:	

TEST PIT EXCAVATION LOG

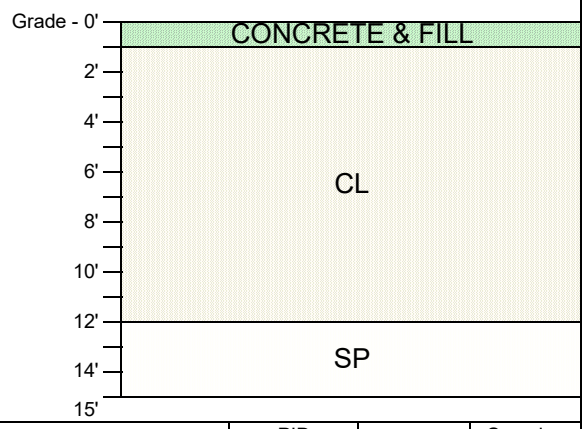
Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-12**
Project No.:	4461.0001B002	Excavation Date:	03/25/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME
Start 11:05
End: 11:35

Length:	8.0'	(approx.)
Width:	3.0'	(approx.)
Depth:	15.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-1'	**CONCRETE & FILL** Concrete with fill/stone subbase. Approximately 4 inches of concrete. Fill material consisting of primarily stone with trace amounts of black sandy fine material.	0.0		YES
1-12'	**POORLY GRADED SANDY CLAY:** Sandy brown clay. Medium plasticity. Dry from 1-6' and moist from 6-12'.	0.0		YES
12-15'	**POORLY GRADED SAND:** Moist, fine, grey to brown sand.	0.0		NO

COMMENTS:

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☑ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-12 1-2' with MS/MSD
			Sample I.D.:
			Sample I.D.:

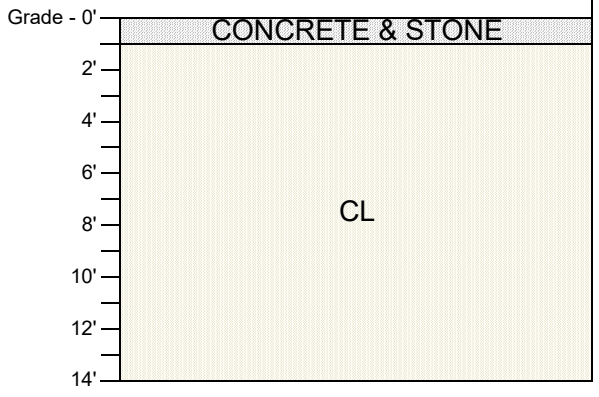
TEST PIT EXCAVATION LOG

Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-13**
Project No.:	4461.0001B002	Excavation Date:	03/13/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME				
Start	10:25	Length:	8.0'	(approx.)
End:	10:55	Width:	3.0'	(approx.)
		Depth:	14.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-1'	**CONCRETE & STONE** Concrete with stone subbase. Approximately 5" of concrete and 7" of stone.	0.0		NO
1-14'	**POORLY GRADED SANDY CLAY:** Sandy brown clay. Dry from 1-10' & moist from 10-14'. Medium plasticity.	0.0		NO

COMMENTS:

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☑ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: No samples taken of TP-13
			Sample I.D.:
			Sample I.D.:

TEST PIT EXCAVATION LOG

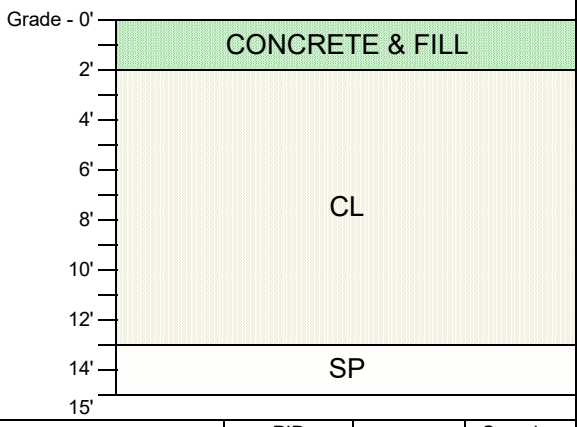
Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-14**
Project No.:	4461.0001B002	Excavation Date:	03/13/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME
Start 8:00
End: 8:30

Length:	8.0'	(approx.)
Width:	3.0'	(approx.)
Depth:	15.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-2'	**CONCRETE & FILL** Concrete with stone/fill subbase. Approximately 4 inches of concrete. Subbase primarily stone with trace amounts of brick, ash, and cinders.	0.0		YES
2-13'	**POORLY GRADED SANDY CLAY:** Sandy brown clay. Medium plasticity. Dry from 2-12' and moist from 12-13'.	0.0		NO
13-15'	**POORLY GRADED SAND:** Moist, fine, grey to brown sand.	0.0		NO

COMMENTS:

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☑ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-14 1-2'
			Sample I.D.:
			Sample I.D.:

TEST PIT EXCAVATION LOG

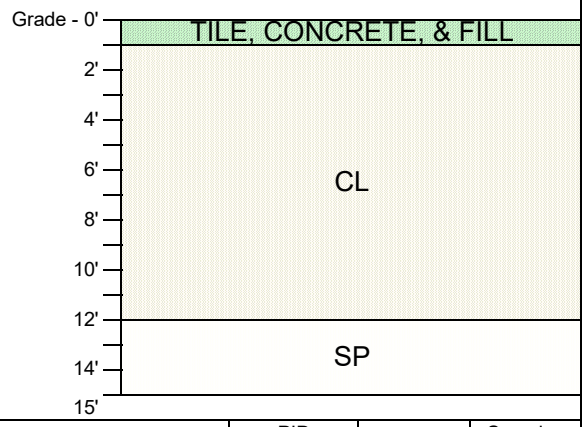
Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-15**
Project No.:	4461.0001B002	Excavation Date:	03/13/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME
Start 14:00
End: 14:30

Length:	8.0'	(approx.)
Width:	3.0'	(approx.)
Depth:	15.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-1'	**TILE, CONCRETE, & FILL** 2" of red tile, 4" of concrete with a 6" fill subbase. Fill subbasel a mix of stone, black sandy fines, brick, ash, and cinders.	0.0		YES
1-12'	**POORLY GRADED SANDY CLAY:** Sandy brown clay. Medium plasticity. Dry from 1-10' and moist from 10-12'.	0.0		NO
12-15'	**POORLY GRADED SAND:** Moist, fine, grey to brown sand.	0.0		NO

COMMENTS:

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☑ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-15 0.5-1'
			Sample I.D.:
			Sample I.D.:

TEST PIT EXCAVATION LOG

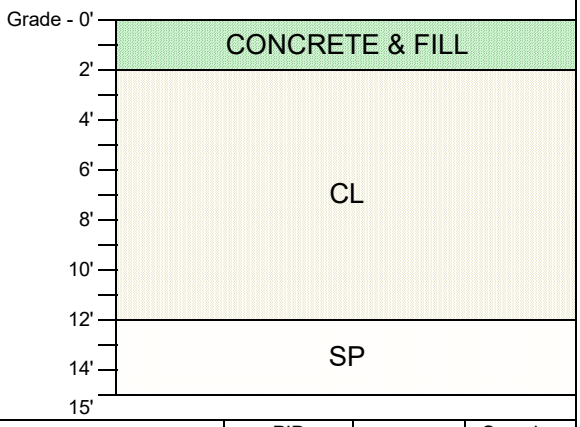
Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-16**
Project No.:	4461.0001B002	Excavation Date:	03/13/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME
Start 11:00
End: 11:30

Length:	8.0'	(approx.)
Width:	3.0'	(approx.)
Depth:	15.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-2'	**CONCRETE & FILL** 4" of concrete with fill subbase. Subbase a mix of stone, black sandy fines, brick, ash, and cinders.	0.0		YES
2-12'	**POORLY GRADED SANDY CLAY:** Sandy brown clay. Medium plasticity. Dry from 2-10' and moist from 10-12'.	0.0		NO
12-15'	**POORLY GRADED SAND:** Moist, fine, grey to brown sand.	0.0		NO

COMMENTS:

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☑ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-16 1-2'
			Sample I.D.:
			Sample I.D.:

TEST PIT EXCAVATION LOG

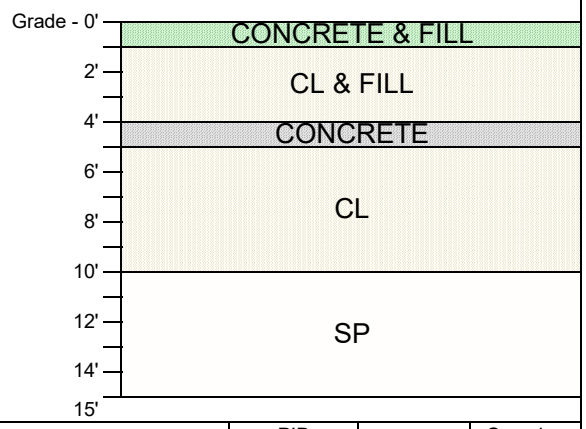
Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-17**
Project No.:	4461.0001B002	Excavation Date:	03/13/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME
Start 9:30
End: 10:00

Length:	8.0'	(approx.)
Width:	3.0'	(approx.)
Depth:	15.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-1'	**CONCRETE & FILL** 5" of concrete with stone/fill subbase. Subbase consisting of primarily stone with trace amounts fill including brick, ash, and cinders. Approx. 20% fill and 80% stone.	0.0		NO
1-4'	**POORLY GRADED SANDY CLAY & FILL:** Dry sandy brown clay with intermingled fill material including stone, ash, cinders, and brick. Approx. 30% fill and 70% clay. Clay with medium plasticity.	0.0		YES
4-5'	**CONCRETE & STONE** 4" of concrete with 8" of stone subbase,	0.0		NO
5-10'	**POORLY GRADED SANDY CLAY** Dry sandy brown clay. Medium plasticity.	0.0		NO
10-15'	**POORLY GRADED SAND:** Moist, fine, grey to brown sand.	0.0		NO

COMMENTS: TP-17 advanced proximate Tank 1.

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☑ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-17 1-3'
			Sample I.D.:
			Sample I.D.:

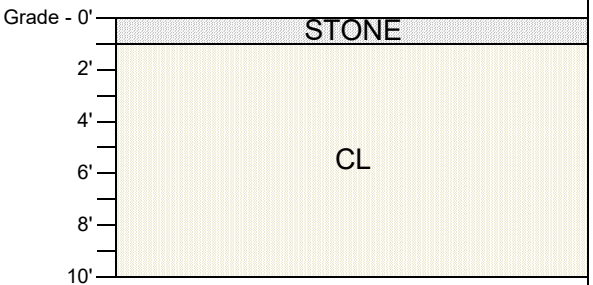
TEST PIT EXCAVATION LOG

Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-18**
Project No.:	4461.0001B002	Excavation Date:	03/07/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Mini-Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME				
Start	9:30	Length:	6.0'	(approx.)
End:	10:00	Width:	1.0'	(approx.)
		Depth:	10.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-1'	**STONE** Stone. Former concrete previously removed before test pit advancement.	0.0		NO
1-10'	**POORLY GRADED SANDY CLAY:** Moist sandy brown clay. Medium plasticity.	0.0		YES

COMMENTS: Test pit advanced proximate pipe connected to hydaulic lifts.

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☑ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-18 2-3'
			Sample I.D.:
			Sample I.D.:

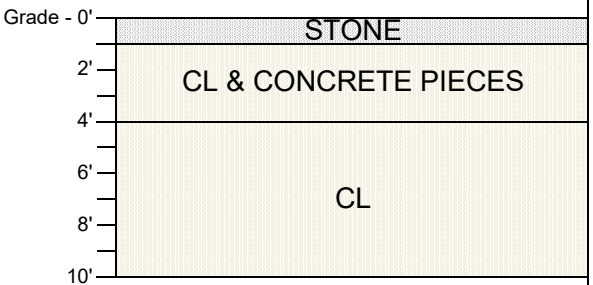
TEST PIT EXCAVATION LOG

Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-19**
Project No.:	4461.0001B002	Excavation Date:	03/07/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Mini-Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME				
Start	10:15	Length:	6.0'	(approx.)
End:	10:45	Width:	1.0'	(approx.)
		Depth:	10.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-1'	**STONE** Stone. Former concrete previously removed before test pit advancement.	0.0		NO
1-4'	**POORLY GRADED SANDY CLAY & CONCRETE:** Moist sandy brown clay with intermingled concrete pieces. Approx. 90% clay and 10% concrete. Clay with medium plasticity. Uncovered black pipe presumably connected to hydaulic lifts at 3'.	0.0		YES
4-10'	**POORLY GRADED SANDY CLAY:** Moist sandy brown clay with medium plasticity.	0.0		YES

COMMENTS: Test pit advanced proximate pipe connected to hydaulic lifts. Collected sample directly next to pipe.

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☑ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-19 3-4'
			Sample I.D.:
			Sample I.D.:

TEST PIT EXCAVATION LOG

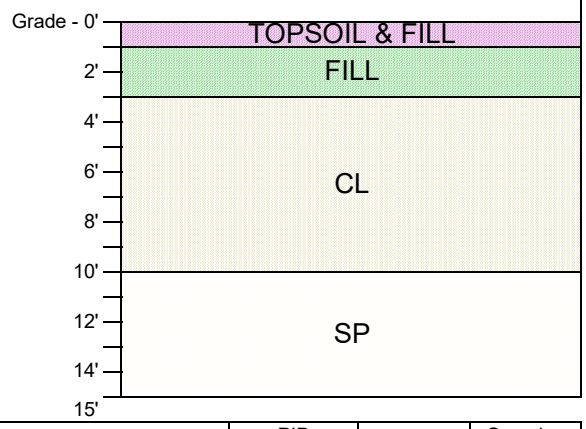
Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-20**
Project No.:	4461.0001B002	Excavation Date:	01/11/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME
Start 11:20
End: 11:40

Length:	8.0'	(approx.)
Width:	3.0'	(approx.)
Depth:	15.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-1'	**TOPSOIL & FILL:** Moist topsoil with intermingled fill material including ash, brick, and cinders. Approx. 20% fill material and 80% topsoil.	0.0		YES
1-3'	**FILL MATERIAL:** Moist fill material including ash, brick, cinders, and glass.	0.0		YES
3-10'	**POORLY GRADED SANDY CLAY:** Dry sandy redish brown clay. Medium plasticity.	0.0		YES
10-15'	**POORLY GRADED SAND:** Moist, fine, grey to brown sand.	0.0		NO

COMMENTS:

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☑ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-20 SS 0-1'
			Sample I.D.: TP-20 2-3'
			Sample I.D.: TP-20 4-6'

TEST PIT EXCAVATION LOG

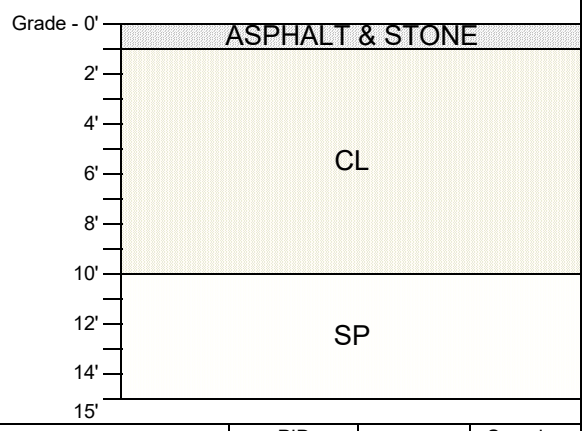
Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-21**
Project No.:	4461.0001B002	Excavation Date:	01/11/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME
Start 13:30
End: 14:00

Length:	8.0'	(approx.)
Width:	3.0'	(approx.)
Depth:	15.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-1'	**ASPHALT & STONE** Asphalt with stone subbase.	0.0		NO
1-10'	**POORLY GRADED SANDY CLAY:** Dry sandy redish brown clay. Medium plasticity.	0.0		YES
10-15'	**POORLY GRADED SAND:** Moist, fine, grey to brown sand.	0.0		NO

COMMENTS:

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☑ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-21 2-3'
			Sample I.D.:
			Sample I.D.:

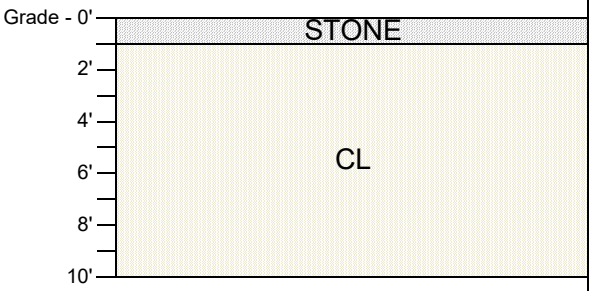
TEST PIT EXCAVATION LOG

Project:	1681-1689 Main Street Site	TEST PIT I.D.:	**TP-22**
Project No.:	4461.0001B002	Excavation Date:	03/07/24
Client:	1681-1689 Main Street LLC	Excavation Method:	Mini-Excavator
Location:	Buffalo, NY	Logged / Checked By:	CEH

Test Pit Location: *NOT TO SCALE*

TIME				
Start	10:15	Length:	6.0'	(approx.)
End:	10:45	Width:	1.0'	(approx.)
		Depth:	10.0'	(approx.)

Test Pit Cross Section:



Depth (fbgs)	USCS Symbol & Soil Description	PID Scan (ppm)	Photos Y / N	Samples Collected (fbgs)
0-1'	**STONE** Stone. Former concrete previously removed before test pit advancement. Pipe encountered at 1' connected to lifts.	0.0		NO
1-10'	**POORLY GRADED SANDY CLAY:** Moist sandy brown clay with medium plasticity. Minor dark staining of soil under hydraulic lift. No odors and no PID readings.	0.0		YES

COMMENTS: Test pit advanced proximate hydaulic lifts 1&2. Collected sample directly under lift piston.

GROUNDWATER ENCOUNTERED:	☐ YES	☑ NO	If yes, depth to GW:
VISUAL IMPACTS:	☐ YES	☑ NO	Describe:
OLFACTORY OBSERVATIONS:	☐ YES	☑ NO	Describe:
NON-NATIVE FILL ENCOUNTERED:	☑ YES	☐ NO	
OTHER OBSERVATIONS:	☐ YES	☑ NO	Describe:
SAMPLES COLLECTED:			Sample I.D.: TP-22 1-2'
			Sample I.D.:
			Sample I.D.:

FIELD BOREHOLE/MONITORING INSTALLATION LOG

Project Name:	1681-1689 Main Street	**LOCATION I.D.:**	**MW-1**
Project Number:	4461.0001B002	**Well Type:**	☑ Stick-up ☐ Flush-mount
Client:	1681-1689 Main Street LLC	**Start Date:**	03/19/22
Drilling Company:	Trec Environmental	**End Date:**	03/19/22
Job Number:		**Logged By:**	CEH
		Drilling Method:	Direct Push
Rig Type:	GeoProbe	**Weather:**	

Elevation (fmsl)	Depth (fbgs)	Sample No.	Recovery (feet)	SAMPLE DESCRIPTION (ASTM D2488)	PID Scan (ppm)	Samples (y/n)	Well Construction Details
2.42'				Stick up height 2.42 feet above ground surface. 2 inch diamater well.			
0	0			**POORLY GRADED SANDY CLAY:** Dry sandy brown clay. Medium plasticity. No visual impacts/staining.	0.0	n	GROUT
-2	2	S1	3.5'		0.0	n	
-4	4			**FILL:** Dry fill material including former building debris consiting of, brick, ash, cinders, concrete, and stone. No visual impacts/staining.	0.0	n	
-6	6	S2	2'		0.0	n	
-8	8				0.0	n	
-10	10	S3	3'	**POORLY GRADED SAND:** Moist to wet poorly graded fine greyish-brown sand. Wet at 12 fbgs. Measured well depth at 22.49 fbgs from top of riser.	0.0	y	SEAL
-12	12				0.0	n	
-14	14	S4	3.5'		0.0	n	SAND PACK
-16	16				0.0	n	
-18	18	S5	3'		0.0	n	SCREEN
-20	20						
-22	22						

RISER

FIELD BOREHOLE/MONITORING INSTALLATION LOG

Project Name:	1681-1689 Main Street	**LOCATION I.D.:**	**MW-2**
Project Number:	4461.0001B002	**Well Type:**	☑ Stick-up ☐ Flush-mount
Client:	1681-1689 Main Street LLC	**Start Date:**	03/19/22
Drilling Company:	Trec Environmental	**End Date:**	03/19/22
Job Number:		**Logged By:**	CEH
		Drilling Method:	Direct Push
Rig Type:	GeoProbe	**Weather:**	

Elevation (fmsl)	Depth (fbgs)	Sample No.	Recovery (feet)	SAMPLE DESCRIPTION (ASTM D2488)	PID Scan (ppm)	Samples (y/n)	Well Construction Details
4.54'				Stick up height 4.54 feet above ground surface. 2 inch diamater well.			
0	0			**Note:** Boring started at approx. 6 fbgs due to previous excavation work. Added additonal length of PVC riser to preserve well for future use.	0.0	n	GROUT
-2	2	S1			0.0	n	
-4	4				0.0	y	
-6	6	S2		**POORLY GRADED SANDY CLAY:** Moist sandy brown clay. Medium plasticity. No visual impacts/staining.	0.0	n	RISER
-8	8		4'		0.0	n	
-10	10	S3			0.0	y	SEAL
-12	12		2.5'		0.0	n	SAND PACK
-14	14	S4		**POORLY GRADED SAND:** Wet poorly graded fine greyish-brown sand. Measured well depth at 23.32 fbgs from top of riser.	0.0	n	
-16	16		2'		0.0	n	SCREEN
-18	18	S5			0.0	n	
-20	20		2'		0.0	n	
-22	22						

FIELD BOREHOLE/MONITORING INSTALLATION LOG

Project Name:	1681-1689 Main Street	**LOCATION I.D.:**	**MW-3**
Project Number:	4461.0001B002	**Well Type:**	☑ Stick-up ☐ Flush-mount
Client:	1681-1689 Main Street LLC	**Start Date:**	03/20/24
Drilling Company:	Trec Environmental	**End Date:**	03/20/24
Job Number:		**Logged By:**	CEH
		Drilling Method:	Direct Push
Rig Type:	GeoProbe	**Weather:**	

Elevation (fmsl)	Depth (fbgs)	Sample No.	Recovery (feet)	SAMPLE DESCRIPTION (ASTM D2488)	PID Scan (ppm)	Samples (y/n)	Well Construction Details
				USCS Classification: Color, Moisture Condition, Primary Soil Type, Secondary Soil Type (<5% Trace, 5-10% Few, 15-25% Little, 30-45% Some), Structure (varved, stratified, thinly bedded, bedded, thickly bedded, laminated, fissured, blocky, lensed, massive), Consistency/Density (Standard Penetration Test, SPT), Weathering/Fracturing, Odor, Fill Materials (if present), Other			
5.92'				Stick up height 5.92 feet above ground surface. 2 inch diamater well.			
0	0			**ASPHALT PARKING LOT:** Asphalt with stone subbase. No visual impacts/staining.	0.0	n	GROUT
-2	2	S1	4.0'	**POORLY GRADED SANDY CLAY:** Dry to moist sandy brown clay. Dry from 1-4 fbgs and moist from 4-12 fbgs. Medium plasticity. No visual impacts/staining.	0.0	n	
-4	4				0.0	n	
-6	6	S2	3.5'		0.0	n	
-8	8				0.0	n	
-10	10	S3	3'		0.0	y	SEAL
-12	12			**POORLY GRADED SAND:** Wet poorly graded fine greyish-brown sand. Measured well depth at 23.16 fbgs from top of riser.	0.0	n	SAND PACK
-14	14	S4	0.0'		0.0	n	
-16	16				0.0	n	
-18	18	S5	2.0'		0.0	n	SCREEN
-20	20						
-22	22						

RISER

FIELD BOREHOLE/MONITORING INSTALLATION LOG

Project Name:	1681-1689 Main Street	**LOCATION I.D.:**	**MW-4**
Project Number:	4461.0001B002	**Well Type:**	☐ Stick-up ☑ Flush-mount
Client:	1681-1689 Main Street LLC	**Start Date:**	03/19/24
Drilling Company:	Trec Environmental	**End Date:**	03/19/24
Job Number:		**Logged By:**	CEH
		Drilling Method:	Direct Push
Rig Type:	GeoProbe	**Weather:**	

Elevation (fmsl)	Depth (fbgs)	Sample No.	Recovery (feet)	SAMPLE DESCRIPTION (ASTM D2488) USCS Classification: Color, Moisture Condition, Primary Soil Type, Secondary Soil Type (<5% Trace, 5-10% Few, 15-25% Little, 30-45% Some), Structure (varved, stratified, thinly bedded, bedded, thickly bedded, laminated, fissured, blocky, lensed, massive), Consistency/Density (Standard Penetration Test, SPT), Weathering/Fracturing, Odor, Fill Materials (if present), Other	PID Scan (ppm)	Samples (y/n)	Well Construction Details
-0.7				Top of riser 0.66 fbgs. 2 inch diamater well.			
0	0			**ASPHALT PARKING LOT:** Asphalt with stone subbase. No visual impacts/staining.			
				POORLY GRADED SANDY CLAY: Dry to moist sandy brown clay. Dry from 1-4 fbgs and moist from 4-12 fbgs. Medium plasticity. No visual impacts/staining.	0.0	n	GROUT
-2	2	S1	4.0'		0.0	n	
-4	4				0.0	y	
-6	6	S2	3.5'		0.0	n	
-8	8				0.0	n	
-10	10	S3	3'		0.0	n	
-12	12			**POORLY GRADED SAND:** Wet poorly graded fine greyish-brown sand. Measured well depth at 19.95 fbgs from top of riser.	0.0	n	SEAL
-14	14	S4	0.0'		0.0	n	SAND PACK
-16	16				0.0	n	
-18	18	S5	1.5'		0.0	n	SCREEN
-20	20						
-22	22						

RISER

FIELD BOREHOLE/MONITORING INSTALLATION LOG

Project Name:	1681-1689 Main Street	**LOCATION I.D.:**	**MW-5**
Project Number:	4461.0001B002	**Well Type:**	☑ Stick-up ☐ Flush-mount
Client:	1681-1689 Main Street LLC	**Start Date:**	03/21/24
Drilling Company:	Trec Environmental	**End Date:**	03/21/24
Job Number:		**Logged By:**	CEH
		Drilling Method:	Direct Push
Rig Type:	GeoProbe	**Weather:**	

Elevation (fmsl)	Depth (fbgs)	Sample No.	Recovery (feet)	SAMPLE DESCRIPTION (ASTM D2488) USCS Classification: Color, Moisture Condition, Primary Soil Type, Secondary Soil Type (<5% Trace, 5-10% Few, 15-25% Little, 30-45% Some), Structure (varved, stratified, thinly bedded, bedded, thickly bedded, laminated, fissured, blocky, lensed, massive), Consistency/Density (Standard Penetration Test, SPT), Weathering/Fracturing, Odor, Fill Materials (if present), Other	PID Scan (ppm)	Samples (y/n)	Well Construction Details
2.29				Stick up height 2.29 feet above ground surface. 2 inch diamater well.			
0	0			**CONCRETE WITH FILL SUBBASE:** Concrete from 0-0.5 fbgs with fill material subbase from 0.5-1 fbgs. Fill material includes unkown black material, brick pieces, ash, cinders, and stone. No visual impacts/staining.	0.0	n	GROUT
-2	2	S1	4.0'	**POORLY GRADED SANDY CLAY:** Dry to moist sandy brown clay. Dry from 1-4 fbgs and moist from 4-10 fbgs. Medium plasticity. No visual impacts/staining.	0.0	n	
-4	4				0.0	n	
-6	6	S2	3.0'		0.0	y	RISER
-8	8				0.0	n	
-10	10	S3	2.5'	**POORLY GRADED SAND:** Wet poorly graded fine greyish-brown sand. Measured well depth at 22.88 fbgs from top of riser.	0.0	n	
-12	12				0.0	n	SEAL
-14	14	S4	2'		0.0	n	SAND PACK
-16	16				0.0	n	
-18	18	S5	3'		0.0	n	SCREEN
-20	20						
-22	22						

FIELD BOREHOLE/MONITORING INSTALLATION LOG

Project Name:	1681-1689 Main Street	**LOCATION I.D.:**	**MW-6**
Project Number:	4461.0001B002	**Well Type:**	☑ Stick-up ☐ Flush-mount
Client:	1681-1689 Main Street LLC	**Start Date:**	03/21/24
Drilling Company:	Trec Environmental	**End Date:**	03/21/24
Job Number:		**Logged By:**	CEH
		Drilling Method:	Direct Push
Rig Type:	GeoProbe	**Weather:**	

Elevation (fmsl)	Depth (fbgs)	Sample No.	Recovery (feet)	SAMPLE DESCRIPTION (ASTM D2488) USCS Classification: Color, Moisture Condition, Primary Soil Type, Secondary Soil Type (<5% Trace, 5-10% Few, 15-25% Little, 30-45% Some), Structure (varved, stratified, thinly bedded, bedded, thickly bedded, laminated, fissured, blocky, lensed, massive), Consistency/Density (Standard Penetration Test, SPT), Weathering/Fracturing, Odor, Fill Materials (if present), Other	PID Scan (ppm)	Samples (y/n)	Well Construction Details
4.51				Stick up height 4.51 feet above ground surface. 2 inch diamater well.			
0	0			**STONE:** Stone subbase from former concrete. No visual impacts/staining.	0.0	n	GROUT
-2	2	S1	3.0'	**POORLY GRADED SANDY CLAY:** Dry to moist sandy brown clay. Dry from 1-6 fbgs and moist from 6-12 fbgs. Medium plasticity. No visual impacts/staining.	0.0	n	
-4	4				0.0	n	
-6	6	S2	3.0'		0.0	y	
-8	8				0.0	n	
-10	10	S3	2.5'		0.0	n	SEAL
-12	12			**POORLY GRADED SAND:** Wet poorly graded fine greyish-brown sand. Measured well depth at 22.72 fbgs from top of riser.	0.0	n	SAND PACK
-14	14	S4	1.5'		0.0	n	
-16	16				0.0	n	SCREEN
-18	18	S5	2.0'		0.0	n	
-20	20						
-22	22						

FIELD BOREHOLE/MONITORING INSTALLATION LOG

Project Name:	1681-1689 Main Street	**LOCATION I.D.:**	**MW-7**
Project Number:	4461.0001B002	**Well Type:**	☑ Stick-up ☐ Flush-mount
Client:	1681-1689 Main Street LLC	**Start Date:**	03/20/24
Drilling Company:	Trec Environmental	**End Date:**	03/20/24
Job Number:		**Logged By:**	CEH
		Drilling Method:	Direct Push
Rig Type:	GeoProbe	**Weather:**	

Elevation (fmsl)	Depth (fbgs)	Sample No.	Recovery (feet)	SAMPLE DESCRIPTION (ASTM D2488) USCS Classification: Color, Moisture Condition, Primary Soil Type, Secondary Soil Type (<5% Trace, 5-10% Few, 15-25% Little, 30-45% Some), Structure (varved, stratified, thinly bedded, bedded, thickly bedded, laminated, fissured, blocky, lensed, massive), Consistency/Density (Standard Penetration Test, SPT), Weathering/Fracturing, Odor, Fill Materials (if present), Other	PID Scan (ppm)	Samples (y/n)	Well Construction Details
5.84'				Stick up height 5.84 feet above ground surface. 2 inch diamater well.			
0	0			**Note:** Boring started at approx. 3 fbgs due to previous excavation work. Added additonal length of PVC riser to preserve well for future use.	0.0	n	GROUT
-2	2	S1			0.0	n	
-4	4		4.0'	**POORLY GRADED SANDY CLAY:** Moist sandy brown clay. Medium plasticity. No visual impacts/staining.	0.0	y	
-6	6	S2			0.0		
-8	8		3.5'		0.0	n	SEAL
-10	10	S3			0.0	n	
-12	12		2.0'	**POORLY GRADED SAND:** Wet poorly graded fine greyish-brown sand. Measured well depth at 23.22 fbgs from top of riser.	0.0	n	SAND PACK
-14	14	S4			0.0	n	
-16	16		2.0'		0.0	n	SCREEN
-18	18	S5			0.0	n	
-20	20				0.0	n	
-22	22						

RISER

APPENDIX C

RI Field Sampling Logs

GROUNDWATER FIELD FORM

Project Name: 1681-1689 Main Street Date: 4/1/24

Location: Buffalo, New York Project No.: 4461.0001B002 Field Team: CEH

Well No. MW-1

Product Depth (fbTOR):

DTW (static) (fbTOR): 16.05

Total Depth (fbTOR): 22.49

Diameter (inches) 2

Water Column (ft): 6.44

One Well Volume (gal): 1.05

Total Volume Purged (gal): 4.25

Sample Date / Time: 4-1-24 / 1050

DTW when sampled: 18.80

Purpose: ☐ Development ☐ Sample ☑ Purge & Sample

Purge Method: Low Flow

Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1038	0 Initial	0.0	7.68	13.1	1030	355	5.04	103	Turbid; no odor
1041	1 17.07	1.00	7.14	13.4	1044	146	5.90	100	SL Turbid; no odor
1043	2 17.81	1.50	7.16	12.6	1038	55	5.73	81	Clear; no odor
1045	3 18.41	2.25	7.12	12.4	1032	33	5.66	74	" " "
1047	4 18.70	2.75	7.09	12.5	1037	34	5.52	68	" " "
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1050	S1 18.80	3.50	7.09	12.2	1037	22	5.38	60	Clear; no odor
1108	S2 19.81	4.25	7.14	13.7	1035	15	3.06	30	" " "

Well No. MW-2

Product Depth (fbTOR):

DTW (static) (fbTOR): 10.84

Total Depth (fbTOR): 18.23

Diameter (inches) 2

Water Column (ft): 7.39

One Well Volume (gal): 1.20

Total Volume Purged (gal): 3.50

Sample Date / Time: 4-1-24 / 1350

DTW when sampled: 13.21

Purpose: ☐ Development ☑ Sample ☐ Purge & Sample

Purge Method: Low Flow

Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1336	0 Initial	0.00	7.82	15.8	968.2	732	6.19	97	SL Turbid; no odor
1339	1 12.21	0.50	7.67	14.5	969.7	118	6.75	90	" " "
1342	2 12.42	1.00	7.61	13.8	965.4	51	6.97	85	Clear; no odor
1345	3 12.50	1.50	7.59	13.7	968.4	41	7.07	83	" " "
1347	4 12.90	2.00	7.58	13.5	974.6	27	7.08	81	" " "
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1350	S1 13.21	2.50	7.58	13.3	977.6	23	6.88	80	Clear; no odor
1403	S2 14.70	3.50	7.79	15.1	980.8	23	4.59	74	" " "

REMARKS: DTW: 4-1-24

MW - 5 15.87

MW - 6 16.45

MW - 7 11.40

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

Groundwater Field Forms.xls
GWFF - BM (4)

PREPARED BY:

1400 P.K. Left Site

GROUNDWATER FIELD FORM

Project Name: 1681-1689 Main Street Date:

Location: Buffalo, New York Project No.: 4461.0001B002 Field Team: CEH

Well No. MW-3

Diameter (inches): 2

Product Depth (fbTOR):

Water Column (ft): 7.60

Sample Date / Time: 4-1-24 / 1500

DTW (static) (fbTOR): 15.55

One Well Volume (gal): 1.24

DTW when sampled: 19.38

Total Depth (fbTOR): 23.15

Total Volume Purged (gal): 2.75

Purpose: ☐ Development ☐ Sample ☑ Purge & Sample

Purge Method: Low Flow

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1446	0	Initial	0.00	8.08	14.4	612.8	348	4.37	83	Turbid, no odor
1450	1	16.91	0.50	7.71	13.7	609.3	98	4.45	72	SL turbid, " "
1453	2	17.80	1.00	7.65	13.1	601.7	82	5.34	71	" " " "
1456	3	18.08	1.50	7.61	13.1	626.5	75	5.72	69	" " " "
1458	4	19.06	2.00	7.62	12.8	623.3	58	5.79	66	clear, no odor
	5									
	6									
	7									
	8									
	9									
	10									
Sample Information:										
1500	S1	19.38	2.50	7.60	12.8	632.2	50	5.95	62	clear, no odor
1540	S2	20.04	2.75	7.97	16.0	604.7	62	3.25	47	" " "

Well No. MW-4

Diameter (inches): 2

Product Depth (fbTOR):

Water Column (ft): 7.77

Sample Date / Time: 4-1-24 / 1240

DTW (static) (fbTOR): 15.17

One Well Volume (gal): 1.27

DTW when sampled: 15.91

Total Depth (fbTOR): 22.94

Total Volume Purged (gal): 8.50

Purpose: ☐ Development ☑ Sample ☐ Purge & Sample

Purge Method: Low Flow

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1214	0	Initial	0.0	7.98	14.5	578.1	>1000	1.76	68	Turbid, no odor
1216	1	15.68	0.50	7.96	13.0	576.4	>1000	1.34	43	" " "
1218	2	15.75	1.00	7.89	12.6	578.8	>1000	1.27	33	" " "
1220	3	15.80	1.50	7.87	12.4	580.2	979	1.32	39	" " "
1223	4	15.81	2.50	7.84	12.7	583.7	745	1.21	41	" " "
1225	5	15.84	3.50	7.82	12.0	586.4	566	1.30	40	" " "
1228	6	15.85	4.50	7.87	11.7	588.8	462	1.22	37	" " "
1233	7	15.89	5.50	7.84	12.0	600.8	539	1.26	27	" " "
	8									
	9									
	10									
Sample Information:										
1240	S1	15.91	7.00	7.80	12.2	626.6	40	1.10	25	clear, no odor
1502	S2	15.95	8.50	7.97	14.1	674.1	278	2.11	24	Turbid, no odor

REMARKS: Took BD with MW-4
Sampled metals + SVOCs when water was clear with MW-4
MW-3 went Dry at 15:15 when Sampling

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:

GROUNDWATER FIELD FORM

Project Name: 1681-1689 Main Street | Date: 4/4/2024

Location: Buffalo, New York | Project No.: 4461.0001B002 | Field Team: CEH

Well No. MW-5			Diameter (inches): 2			Sample Date / Time: 4-4-24 / 1235			
Product Depth (fbTOR):			Water Column (ft): 7.02			DTW when sampled: 16.05			
DTW (static) (fbTOR): 15.73			One Well Volume (gal): 1.14			Purpose: ☐ Development ☐ Sample ☑ Purge & Sample			
Total Depth (fbTOR): 22.75			Total Volume Purged (gal): 7.00			Purge Method: Low Flow			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1218	0 Initial	0.00	7.54	10.3	4420	>1000	1.96	-71	Turbid, no odor
1223	1 16.20	1.00	7.52	10.3	3083	>1000	1.51	-70	" " "
1226	2 16.08	2.00	7.49	10.2	3027	536	1.89	-62	" " "
1228	3 16.06	3.00	7.48	10.5	2964	675	1.79	-62	" " "
1231	4 16.04	4.00	7.47	10.6	2974	>1000	1.81	-62	" " "
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1235	S1 16.05	5.00	7.51	10.2	2885	>1000	1.91	-55	Turbid, no odor
1252	S2 16.25	7.00	7.51	9.7	2584	292	1.70	-55	" " "

Well No. MW-6			Diameter (inches): 2			Sample Date / Time: 4-4-24 / 1040			
Product Depth (fbTOR):			Water Column (ft): 6.54			DTW when sampled: 16.64			
DTW (static) (fbTOR): 16.24			One Well Volume (gal): 1.07			Purpose: ☐ Development ☑ Sample ☐ Purge & Sample			
Total Depth (fbTOR): 22.78			Total Volume Purged (gal): 10.00			Purge Method: Low Flow			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1016	0 Initial	0.00	6.92	11.0	1971	>1000	3.41	165	Turbid, no odor
1021	1 16.73	1.00	7.16	11.5	2271	564	2.39	72	" " "
1024	2 16.66	2.00	7.16	11.4	2358	447	2.58	32	" " "
1027	3 16.67	3.00	7.21	11.7	2368	281	2.53	17	" " "
1030	4 16.68	4.00	7.25	11.7	2476	189	2.20	7	SL Turbid, no odor
1033	5 16.66	5.00	7.31	11.5	2478	188	2.30	-2	" " " "
1036	6 16.66	6.00	7.31	11.6	2560	149	2.65	-10	" " " "
	7								
	8								
	9								
	10								
Sample Information:									
1040	S1 16.64	7.00	7.31	11.8	2622	115	2.47	-14	SL Turbid, no odor
1115	S2 16.70	10.00	7.44	11.6	2855	193	2.08	-34	" " "

4/4/24 CAL

REMARKS: pH - 4.04 7.02 9.99

Cond - 7004

DO - 100%

Turb - 0.0 24 108 811

Took MS/MSD with MW-6

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:

GROUNDWATER FIELD FORM

Project Name: 1681-1689 Main Street — Date: 4/4/24

Location: Buffalo, New York — Project No.: 4461.0001B002 — Field Team: CEH

Well No. MW-7			Diameter (inches) 2			Sample Date / Time: 4/4/24			
Product Depth (fbTOR):			Water Column (ft): 7.10			DTW when sampled: 14.68			
DTW (static) (fbTOR): 11.12			One Well Volume (gal): 1.16			Purpose: ☐ Development ☐ Sample ☑ Purge & Sample			
Total Depth (fbTOR): 18.22			Total Volume Purged (gal): 6.00			Purge Method: Low Flow			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1333	0 Initial	0.00	7.78	9.7	1035	>1000	2.38	-26	Turbid, no odor
1338	1 12.70	1.00	7.68	10.8	971.4	286	2.78	2	SL Turbid, no odor
1344	2 13.28	2.00	7.66	10.8	969.5	167	3.02	11	" " " "
1349	3 14.00	3.00	7.63	11.3	1007	96	3.22	9	" " " "
1354	4 14.33	4.00	7.65	11.6	1016	74	2.97	-5	clear, no odor
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1400	S1 14.68	5.00	7.67	11.5	1017	63	2.88	-17	clear, no odor
1422	S2 TOP	6.00	7.82	11.9	1049	403	4.24	-33	Turbid, no odor

Well No.			Diameter (inches):			Sample Date / Time:			
Product Depth (fbTOR):			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR):			One Well Volume (gal):			Purpose: ☐ Development ☑ Sample ☐ Purge & Sample			
Total Depth (fbTOR):			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
	0 Initial								
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

REMARKS: TOP @ 16.85

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:

EQUIPMENT CALIBRATION LOG

PROJECT INFORMATION:

Project Name: **1681-1689 Main Street**

Project No.: 4461.0001B002

Client: Pivotal HP

Date: 4/1/24

Instrument Source: ☐ Roux ☐ Rental

METER TYPE	UNITS	TIME	MAKE/MODEL	SERIAL NUMBER	CAL. BY	STANDARD	POST CAL. READING	SETTINGS
☑ pH meter	units	1015	Myron L Company Ultra Meter 6P	6213516 ☐ 6243084 ☐ 6212375 ☒ 6223973 ☐	CEH	4.00 7.00 10.01	3.99 7.04 9.92	
☒ Turbidity meter	NTU	1015	Hach 2100P or 2100Q Turbidimeter	06120C020523 (P) ☐ 0 711010706405 ☒ 13120C030432 (Q) ☐	CEH	< 0.4 or 10 for 2100 Q 20 100 800	0.0 24 108 803	
☐ Turbidity meter	NTU		LaMotte 2020	6523-1816 (La) ☐		0.0 NTU 1.0 NTU 10.0 NTU		
☑ Sp. Cond. meter	uS mS	1015	Myron L Company Ultra Meter 6P	6213516 ☐ 6243084 ☐ 6212375 ☒ 6223973 ☐	CEH	7000 mS @ 25 °C	7005	
☐ PID	ppm		MinRAE 2000			open air zero ____ ppm Iso. Gas		MIBK response factor = 1.0
☑ Dissolved Oxygen	ppm	1015	HACH Model HQ30d	080700023281 ☐ 100500041867 ☒ 1402000100319 ☐	CEH	100% Satuartion	100 %	
☐ Particulate meter	mg/m^3					zero air		
☐ Oxygen	%					open air		
☐ Hydrogen sulfide	ppm					open air		
☐ Carbon monoxide	ppm					open air		
☐ LEL	%					open air		
☐ Radiation Meter	uR/H					background area		

ADDITIONAL REMARKS:

PREPARED BY: **DATE:**

ROUX

AIR CANISTER FIELD RECORD

PROJECT INFORMATION:

Project: 1681-1689 Main Street
Job No: 4461-000B002
Location: Buffalo, NY
Field Staff: CEH
Client: Pivotal HP

SAMPLE I.D.: SV-01

WEATHER CONDITIONS:

Ambient Air Temp. - A.M.: 38°F Partly Cloudy
Ambient Air Temp. - P.M.: 42°F Cloudy
Wind Direction: WNW
Wind Speed: 12 mph
Precipitation: none

Size of Canister:
Canister Serial No.: 176
Flow Controller No.: 0648
Sample Date(s):
Shipping Date:
Sample Type: ☐ Indoor Air ☐ Outdoor Air
☐ Subslab, complete section below ☒ Soil Gas
Soil Gas Probe Depth: 5-6'

FIELD SAMPLING INFORMATION:

READING	TIME	VACUUM (inches Hg) or PRESSURE (psig)	DATE	INITIALS
Lab Vacuum (on tag)	1130	-29.1	3-29-24	CEH
Field Vacuum Check [1]				
Initial Field Vacuum [2]	1130	-29.61	3-29-24	CEH
Final Field Vacuum [3]	1540	-29.72	3-29-24	CEH
Duration of Sample Collection	4 hrs			

LABORATORY CANISTER PRESSURIZATION:

Initial Vacuum (inches Hg and psia)		
Final Pressure (psia)		
Pressurization Gas		

SUBSLAB SHROUD:

Shroud Helium Concentration: 15.5 %
Calculated tubing volume: 5 x 3 = 15
Purged Tubing Volume Concentration: 0.0 ppm
Is the purged volume concentration less than or equal to 10% in shroud?
☒ YES, continue sampling
☐ NO, improve surface seal and retest

In tube 0.0 ppm

COMPOSITE TIME (hours)	FLOW RATE RANGE (ml/min)
15 Min.	316 - 333
0.5 Hours	158 - 166.7
1	79.2 - 83.3
2	39.6 - 41.7
4	19.8 - 20.8
6	13.2 - 13.9
8	9.9 - 10.4
10	7.92 - 8.3
12	6.6 - 6.9
24	3.5 - 4.0

NOTES:

1 Vacuum measured using portable vacuum gauge (provided by Lab)
2 Vacuum measured by canister gauge upon opening valve
3 Vacuum measured by canister gauge prior to closing valve

Signed:

Noticed vacuum not decreasing at ~1300. Turned valve off and reconnected tubing. Vacuum did not decrease.

ROUX

AIR CANISTER FIELD RECORD

PROJECT INFORMATION:

Project: 1681 - 1689 Main Street
Job No: 4461.0001B002
Location: Buffalo, NY
Field Staff: CEH
Client: pivotal HP

SAMPLE I.D.: SV-02

WEATHER CONDITIONS:

Ambient Air Temp. - A.M.: 38°F partly cloudy
Ambient Air Temp. - P.M.: 42°F cloudy
Wind Direction: WNW
Wind Speed: 12 mph
Precipitation: none

Size of Canister:
Canister Serial No.: 353
Flow Controller No.: 02181
Sample Date(s):
Shipping Date:
Sample Type: ☐ Indoor Air ☐ Outdoor Air
☐ Subslab, complete section below ☒ Soil Gas
Soil Gas Probe Depth: 5-6'

FIELD SAMPLING INFORMATION:

READING	TIME	VACUUM (inches Hg) or PRESSURE (psig)	DATE	INITIALS
Lab Vacuum (on tag)	1130	-29	3-29-24	CEH
Field Vacuum Check [1]				
Initial Field Vacuum [2]	1155	-29.62	3-29-24	CEH
Final Field Vacuum [3]	1545	-10.60	3-29-24	CEH
Duration of Sample Collection	4 hrs			

LABORATORY CANISTER PRESSURIZATION:

Initial Vacuum (inches Hg and psia)		
Final Pressure (psia)		
Pressurization Gas		

SUBSLAB SHROUD:

Shroud Helium Concentration: 25.6
Calculated tubing volume: 5 x 3 = 15
Purged Tubing Volume Concentration: 0.0 ppm
Is the purged volume concentration less than or equal to 10% in shroud?
☒ YES, continue sampling
☐ NO, improve surface seal and retest

COMPOSITE TIME (hours)	FLOW RATE RANGE (ml/min)
15 Min.	316 - 333
0.5 Hours	158 - 166.7
1	79.2 - 83.3
2	39.6 - 41.7
4	19.8 - 20.8
6	13.2 - 13.9
8	9.9 - 10.4
10	7.92 - 8.3
12	6.6 - 6.9
24	3.5 - 4.0

NOTES:

1 Vacuum measured using portable vacuum gauge (provided by Lab)
2 Vacuum measured by canister gauge upon opening valve
3 Vacuum measured by canister gauge prior to closing valve

Signed:

ROUX

AIR CANISTER FIELD RECORD

PROJECT INFORMATION:

Project: 1681-1689 Main Street
Job No: 4461.0001.B002
Location: Buffalo, NY
Field Staff: CEH
Client: Pivotal HP

SAMPLE I.D.: SV03

WEATHER CONDITIONS:

Ambient Air Temp. - A.M.: 38°F Partly cloudy
Ambient Air Temp. - P.M.: 42°F Cloudy
Wind Direction: WNW
Wind Speed: 12 mph
Precipitation: none

Size of Canister:
Canister Serial No.: 2180
Flow Controller No.: 01725
Sample Date(s):
Shipping Date:
Sample Type: ☐ Indoor Air ☐ Outdoor Air
☐ Subslab, complete section below ☒ Soil Gas
Soil Gas Probe Depth:

FIELD SAMPLING INFORMATION:

READING	TIME	VACUUM (inches Hg) or PRESSURE (psig)	DATE	INITIALS
Lab Vacuum (on tag)	1130	-29.0	3-29-24	CEH
Field Vacuum Check [1]				
Initial Field Vacuum [2]	1205	-29.9	3-29-24	CEH
Final Field Vacuum [3]	1550	-4.5	3-29-24	CEH
Duration of Sample Collection	4 hrs			

LABORATORY CANISTER PRESSURIZATION:

Initial Vacuum (inches Hg and psia)		
Final Pressure (psia)		
Pressurization Gas		

SUBSLAB SHROUD:

Shroud Helium Concentration: 20.1%
Calculated tubing volume: 5 x 3 = 15
Purged Tubing Volume Concentration: N/A 0.0 ppm
Is the purged volume concentration less than or equal to 10% in shroud?
☒ YES, continue sampling
☐ NO, improve surface seal and retest

COMPOSITE TIME (hours)	FLOW RATE RANGE (ml/min)
15 Min.	316 - 333
0.5 Hours	158 - 166.7
1	79.2 - 83.3
2	39.6 - 41.7
4	19.8 - 20.8
6	13.2 - 13.9
8	9.9 - 10.4
10	7.92 - 8.3
12	6.6 - 6.9
24	3.5 - 4.0

NOTES:

1 Vacuum measured using portable vacuum gauge (provided by Lab)
2 Vacuum measured by canister gauge upon opening valve
3 Vacuum measured by canister gauge prior to closing valve

Signed:

ROUX

AIR CANISTER FIELD RECORD

PROJECT INFORMATION:

Project: 1681-1689 Main Street
Job No: 4461.0001B002
Location: Buffalo, NY
Field Staff: CEH
Client: pivotal HD

SAMPLE I.D.: SV-04

WEATHER CONDITIONS:

Ambient Air Temp. - A.M.: 38°F Partly cloudy
Ambient Air Temp. - P.M.: 42°F cloudy
Wind Direction: WNW
Wind Speed: 12 mph
Precipitation: none

Size of Canister:
Canister Serial No.: 2598
Flow Controller No.: 01834
Sample Date(s): 3-29-24
Shipping Date: 3-29-24
Sample Type: ☐ Indoor Air ☐ Outdoor Air
☐ Subslab, complete section below ☒ Soil Gas
Soil Gas Probe Depth: 5-6'

FIELD SAMPLING INFORMATION:

READING	TIME	VACUUM (inches Hg) or PRESSURE (psig)	DATE	INITIALS
Lab Vacuum (on tag)	1130	-29.1	3-29-24	CEH
Field Vacuum Check [1]				
Initial Field Vacuum [2]	1215	-30.05	3-29-24	CEH
Final Field Vacuum [3]	1558	-7.45	3-29-24	CEH
Duration of Sample Collection				

LABORATORY CANISTER PRESSURIZATION:

Initial Vacuum (inches Hg and psia)		
Final Pressure (psia)		
Pressurization Gas		

SUBSLAB SHROUD:

Shroud Helium Concentration: 27.6%
Calculated tubing volume: 5 x 3 = 15
Purged Tubing Volume Concentration: 0.05ppm
Is the purged volume concentration less than or equal to 10% in shroud?
☐ YES, continue sampling
☐ NO, improve surface seal and retest

COMPOSITE TIME (hours)	FLOW RATE RANGE (ml/min)
15 Min.	316 - 333
0.5 Hours	158 - 166.7
1	79.2 - 83.3
2	39.6 - 41.7
4	19.8 - 20.8
6	13.2 - 13.9
8	9.9 - 10.4
10	7.92 - 8.3
12	6.6 - 6.9
24	3.5 - 4.0

NOTES:

1 Vacuum measured using portable vacuum gauge (provided by Lab)
2 Vacuum measured by canister gauge upon opening valve
3 Vacuum measured by canister gauge prior to closing valve

Signed:

ROUX

AIR CANISTER FIELD RECORD

PROJECT INFORMATION:

Project: 1681 - 1689 Main Street
Job No: 44G1.0001B002
Location: Buffalo, NY
Field Staff: CEH
Client: Pivotal HP

SAMPLE I.D.: SV-05

WEATHER CONDITIONS:

Ambient Air Temp. - A.M.: 38°F Partly cloudy
Ambient Air Temp. - P.M.: 42°F Cloudy
Wind Direction: WNW
Wind Speed: 12 mph
Precipitation: none

Size of Canister:
Canister Serial No.: [redacted] 2688
Flow Controller No.: 0290
Sample Date(s): 3-29-24
Shipping Date:
Sample Type: ☐ Indoor Air ☐ Outdoor Air
☐ Subslab, complete section below ☒ Soil Gas
Soil Gas Probe Depth:

FIELD SAMPLING INFORMATION:

READING	TIME	VACUUM (inches Hg) or PRESSURE (psig)	DATE	INITIALS
Lab Vacuum (on tag)	1130	-29.1	3-29-24	CEH
Field Vacuum Check [1]		[redacted]		
Initial Field Vacuum [2]	1220	-30.0	3-29-24	CEH
Final Field Vacuum [3]	1610	-29.75	3-29-24	CEH
Duration of Sample Collection				

LABORATORY CANISTER PRESSURIZATION:

Initial Vacuum (inches Hg and psia)		
Final Pressure (psia)		
Pressurization Gas		

SUBSLAB SHROUD:

Shroud Helium Concentration: 31.7 %
Calculated tubing volume: 5 x 3 = 15
Purged Tubing Volume Concentration: [redacted] 0.0 PPM
Is the purged volume concentration less than or equal to 10% in shroud?
☒ YES, continue sampling
☐ NO, improve surface seal and retest

COMPOSITE TIME (hours)	FLOW RATE RANGE (ml/min)
15 Min.	316 - 333
0.5 Hours	158 - 166.7
1	79.2 - 83.3
2	39.6 - 41.7
4	19.8 - 20.8
6	13.2 - 13.9
8	9.9 - 10.4
10	7.92 - 8.3
12	6.6 - 6.9
24	3.5 - 4.0

NOTES: When valve closed negative pressure reading stayed

1 Vacuum measured using portable vacuum gauge (provided by Lab)
2 Vacuum measured by canister gauge upon opening valve
3 Vacuum measured by canister gauge prior to closing valve

Signed:

ROUX

AIR CANISTER FIELD RECORD

PROJECT INFORMATION:

Project: 1681-1689 Main Street
Job No: 4HG1.0001.B002
Location: Buffalo, NY
Field Staff: CEH
Client: Pivotal HP

SAMPLE I.D.: SV-06

WEATHER CONDITIONS:

Ambient Air Temp. - A.M.: 38°F Partly cloudy
Ambient Air Temp. - P.M.: 42°F cloudy
Wind Direction: WNW
Wind Speed: 12 mph
Precipitation: none

Size of Canister:
Canister Serial No.: 3459
Flow Controller No.: 01542
Sample Date(s): 3-29-24
Shipping Date:
Sample Type: ☐ Indoor Air ☐ Outdoor Air
☐ Subslab, complete section below ☒ Soil Gas
Soil Gas Probe Depth: 5-6'

FIELD SAMPLING INFORMATION:

READING	TIME	VACUUM (inches Hg) or PRESSURE (psig)	DATE	INITIALS
Lab Vacuum (on tag)	1130	-29.1	3-29-24	CEH
Field Vacuum Check [1]				
Initial Field Vacuum [2]	1230	-29.91	3-29-24	CEH
Final Field Vacuum [3]	1618	-8.22	3-29-24	CEH
Duration of Sample Collection				

LABORATORY CANISTER PRESSURIZATION:

Initial Vacuum (inches Hg and psia)		
Final Pressure (psia)		
Pressurization Gas		

SUBSLAB SHROUD:

Shroud Helium Concentration: 20.2 %
Calculated tubing volume: 5 x 3 = 15
Purged Tubing Volume Concentration: 0.0 ppm
Is the purged volume concentration less than or equal to 10% in shroud?
☒ YES, continue sampling
☐ NO, improve surface seal and retest

COMPOSITE TIME (hours)	FLOW RATE RANGE (ml/min)
15 Min.	316 - 333
0.5 Hours	158 - 166.7
1	79.2 - 83.3
2	39.6 - 41.7
4	19.8 - 20.8
6	13.2 - 13.9
8	9.9 - 10.4
10	7.92 - 8.3
12	6.6 - 6.9
24	3.5 - 4.0

NOTES:

1 Vacuum measured using portable vacuum gauge (provided by Lab)
2 Vacuum measured by canister gauge upon opening valve
3 Vacuum measured by canister gauge prior to closing valve

Signed:

ROUX

AIR CANISTER FIELD RECORD

PROJECT INFORMATION:

Project: 1681 - 1689 Main Street
Job No: 4461.0001 B002
Location: Buffalo, NY
Field Staff: CEH
Client: Pivotal HP

SAMPLE I.D.: SV-07

WEATHER CONDITIONS:

Ambient Air Temp. - A.M.: 38°F Partly Cloudy
Ambient Air Temp. - P.M.: 42°F Cloudy
Wind Direction: WNW
Wind Speed: 12 mph
Precipitation: none

Size of Canister:
Canister Serial No.: 2519
Flow Controller No.: 01806
Sample Date(s): 3-29-24
Shipping Date:
Sample Type: ☐ Indoor Air ☐ Outdoor Air
☐ Subslab, complete section below ☒ Soil Gas
Soil Gas Probe Depth: 5-6'

FIELD SAMPLING INFORMATION:

READING	TIME	VACUUM (inches Hg) or PRESSURE (psig)	DATE	INITIALS
Lab Vacuum (on tag)	1130	-29.1	3-29-24	CEH
Field Vacuum Check [1]				
Initial Field Vacuum [2]	1235	-28.09	3-29-24	CEH
Final Field Vacuum [3]	1625	-5.91	3-29-24	CEH
Duration of Sample Collection				

LABORATORY CANISTER PRESSURIZATION:

Initial Vacuum (inches Hg and psia)		
Final Pressure (psia)		
Pressurization Gas		

SUBSLAB SHROUD:

Shroud Helium Concentration: 24.7 %
Calculated tubing volume: 5 x 3 = 15
Purged Tubing Volume Concentration: 0.0 ppm
Is the purged volume concentration less than or equal to 10% in shroud?
☒ YES, continue sampling
☐ NO, improve surface seal and retest

COMPOSITE TIME (hours)	FLOW RATE RANGE (ml/min)
15 Min.	316 - 333
0.5 Hours	158 - 166.7
1	79.2 - 83.3
2	39.6 - 41.7
4	19.8 - 20.8
6	13.2 - 13.9
8	9.9 - 10.4
10	7.92 - 8.3
12	6.6 - 6.9
24	3.5 - 4.0

NOTES:

1 Vacuum measured using portable vacuum gauge (provided by Lab)
2 Vacuum measured by canister gauge upon opening valve
3 Vacuum measured by canister gauge prior to closing valve

Signed:

ROUX

AIR CANISTER FIELD RECORD

PROJECT INFORMATION:

Project: 1681 - 1689 Main Street
Job No: 4461.0001 B002
Location: Buffalo, NY
Field Staff: CEH
Client: Pivotal HP

SAMPLE I.D.: SV-08

WEATHER CONDITIONS:

Ambient Air Temp. - A.M.: 38°F Partly Cloudy
Ambient Air Temp. - P.M.: 42°F Cloudy
Wind Direction: WNW
Wind Speed: 12 mph
Precipitation: none

Size of Canister:
Canister Serial No.: 2427
Flow Controller No.: 0934
Sample Date(s):
Shipping Date:
Sample Type: ☐ Indoor Air ☐ Outdoor Air
☐ Subslab, complete section below ☐ Soil Gas
Soil Gas Probe Depth:

FIELD SAMPLING INFORMATION:

READING	TIME	VACUUM (inches Hg) or PRESSURE (psig)	DATE	INITIALS
Lab Vacuum (on tag)	1130	-24.2	3-29-24	CEH
Field Vacuum Check [1]				
Initial Field Vacuum [2]	1240	-28.52	3-29-24	CEH
Final Field Vacuum [3]	1630	-1.82	3-29-24	CEH
Duration of Sample Collection				

LABORATORY CANISTER PRESSURIZATION:

Initial Vacuum (inches Hg and psia)		
Final Pressure (psia)		
Pressurization Gas		

SUBSLAB SHROUD:

Shroud Helium Concentration: 22.3%
Calculated tubing volume: 5 x 3 = 15
Purged Tubing Volume Concentration: 0.0ppm
Is the purged volume concentration less than or equal to 10% in shroud?
☒ YES, continue sampling
☐ NO, improve surface seal and retest

COMPOSITE TIME (hours)	FLOW RATE RANGE (ml/min)
15 Min.	316 - 333
0.5 Hours	158 - 166.7
1	79.2 - 83.3
2	39.6 - 41.7
4	19.8 - 20.8
6	13.2 - 13.9
8	9.9 - 10.4
10	7.92 - 8.3
12	6.6 - 6.9
24	3.5 - 4.0

NOTES:

1 Vacuum measured using portable vacuum gauge (provided by Lab)
2 Vacuum measured by canister gauge upon opening valve
3 Vacuum measured by canister gauge prior to closing valve

Signed: Chester Hardcastle

ROUX

AIR CANISTER FIELD RECORD

PROJECT INFORMATION:

Project: 1681 - 1689 Main Street
Job No: 4461 . 0001 B002
Location: Buffalo, NY
Field Staff: CEH
Client: Pivotal HP

SAMPLE I.D.: OA-01

WEATHER CONDITIONS:

Ambient Air Temp. - A.M.: 38 °F Partly Cloudy
Ambient Air Temp. - P.M.: 42°F Cloudy
Wind Direction: WNW
Wind Speed: 12 mph
Precipitation: none

Size of Canister:
Canister Serial No.: 2862
Flow Controller No.: 01823
Sample Date(s): 3-29-24
Shipping Date:
Sample Type: ☐ Indoor Air ☒ Outdoor Air
☐ Subslab, complete section below ☐ Soil Gas
Soil Gas Probe Depth:

FIELD SAMPLING INFORMATION:

READING	TIME	VACUUM (inches Hg) or PRESSURE (psig)	DATE	INITIALS
Lab Vacuum (on tag)	1130	-29.1	3-29-24	CEH
Field Vacuum Check [1]				
Initial Field Vacuum [2]	1250	-29.08	3-29-24	CEH
Final Field Vacuum [3]	1640	-7.04	3-29-24	CEH
Duration of Sample Collection				

LABORATORY CANISTER PRESSURIZATION:

Initial Vacuum (inches Hg and psia)		
Final Pressure (psia)		
Pressurization Gas		

SUBSLAB SHROUD: N/A

Shroud Helium Concentration:
Calculated tubing volume: x 3 =
Purged Tubing Volume Concentration:
Is the purged volume concentration less than or equal to 10% in shroud?
☐ YES, continue sampling
☐ NO, improve surface seal and retest

COMPOSITE TIME (hours)	FLOW RATE RANGE (ml/min)
15 Min.	316 - 333
0.5 Hours	158 - 166.7
1	79.2 - 83.3
2	39.6 - 41.7
4	19.8 - 20.8
6	13.2 - 13.9
8	9.9 - 10.4
10	7.92 - 8.3
12	6.6 - 6.9
24	3.5 - 4.0

NOTES:

1 Vacuum measured using portable vacuum gauge (provided by Lab)
2 Vacuum measured by canister gauge upon opening valve
3 Vacuum measured by canister gauge prior to closing valve

Signed:

ROUX

GROUNDWATER FIELD FORM

Project Name: 1681-1689 Main Street
Location: Buffalo, NY
Project No.:
Date: 7/14/25 - 7/15/25
Field Team: AK

Well No. MW-2			Diameter (inches): 2"			Sample Date / Time: 7/15/25 1220			
Product Depth (fbTOR): -			Water Column (ft): 4.17			DTW when sampled:			
DTW (static) (fbTOR): 17.23			One Well Volume (gal): 0.7			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 21.40			Total Volume Purged (gal): 2.0			Purge Method: Peri-pump			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1153	0 Initial	—	7.72	19.35	1.07	21000	2.78	-178	v. turbid
1158	1 18.76	0.5	7.72	18.22	0.984	139	1.68	-154	slightly turbid
1203	2 19.15	1.0	7.73	17.94	0.971	70.3	1.48	-157	clear
1208	3 19.31	1.5	7.73	17.74	0.967	21.1	1.60	-151	clear (sulfur odor)
1213	4 19.31	2.0	7.72	17.02	0.973	28.8	1.70	-157	clear (sulfur odor)
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

Well No. MW-3			Diameter (inches): 2"			Sample Date / Time: 7/15/25 1325			
Product Depth (fbTOR): -			Water Column (ft): 5.94			DTW when sampled:			
DTW (static) (fbTOR): 17.06			One Well Volume (gal): 1.0			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 23.00			Total Volume Purged (gal):			Purge Method: peri-pump			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1258	0 Initial	—	7.72	20.46	0.814	64.3	1.95	-156	clear (sulfur odor)
1303	1 18.66	0.5	7.72	18.23	0.780	44.8	2.23	-191	clear (sulfur odor)
1308	2 19.45	1.0	7.66	17.41	0.739	26.1	2.45	-187	"
1313	3 20.09	1.5	7.65	17.13	0.750	17.8	2.67	-173	"
1318	4 20.09	2.0	7.58	17.25	0.760	12.3	2.75	-168	
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

REMARKS:

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

Note: All water level measurements are in feet, distance from top of riser.

PREPARED BY:

ROUX

GROUNDWATER FIELD FORM

Project Name: 1681-1689 Main Street
Location: Buffalo NY
Project No.:
Date: 7/14/25 - 7/15/25
Field Team: AD

Well No. MW-1R | Diameter (inches): 2 | Sample Date / Time: 7/14/25
Product Depth (fbTOR): — | Water Column (ft): 7.58 | DTW when sampled: —
DTW (static) (fbTOR): 17.42 | One Well Volume (gal): 1.2 | Purpose: ☒ Development ☐ Sample ☐ Purge & Sample
Total Depth (fbTOR): 25.20 | Total Volume Purged (gal): 6.0 | Purge Method: Bailer

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
929	0	Initial	—	7.12	17.03	1.52	114	11.40	102	clear
933	1		1.2	7.06	15.72	1.49	>1000	12.35	81	v. turbid
937	2		2.4	6.96	14.84	1.64	>1000	9.61	66	v. turbid
939	3		3.6	6.85	14.64	1.73	>1000	8.32	55	v. turbid
942	4		4.8	6.75	14.13	1.77	>1000	9.19	52	v. turbid
946	5		6.0	6.60	14.42	1.80	>1000	8.71	56	v. turbid
	6									
	7									
	8									
	9									
	10									
Sample Information:										
	S1									
	S2									

Well No. MW-7 | Diameter (inches): 2 | Sample Date / Time: 7/14/25 10:40
Product Depth (fbTOR): | Water Column (ft): 5.09 | DTW when sampled:
DTW (static) (fbTOR): 17.91 | One Well Volume (gal): 0.8 | Purpose: ☐ Development ☐ Sample ☒ Purge & Sample
Total Depth (fbTOR): 23.00 | Total Volume Purged (gal): 2.0 | Purge Method: peri-pump

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1017	0	Initial	—	6.80	15.79	0.978	103	9.34	-42	Slightly turbid
1022	1	19.08	0.75	6.78	16.21	0.967	42.6	9.44	-36	clear
1027	2	19.29	1.50	6.89	16.46	0.955	35.5	9.49	-15	clear
1032	3	19.36	2.00	6.81	16.36	0.958	25.1	9.37	-21	clear
	4									
	5									
	6									
	7									
	8									
	9									
	10									
Sample Information:										
	S1									
	S2									

REMARKS:

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:

ROUX

GROUNDWATER FIELD FORM

Project Name: 1681-1689 main Street
Location: Buffalo, NY
Project No.:
Date: 7/14/25 - 7/15/25
Field Team: AK

Well No. TW-2			Diameter (inches): 2"			Sample Date / Time: 7/14/25 1115			
Product Depth (fbTOR): —			Water Column (ft): 7.40			DTW when sampled:			
DTW (static) (fbTOR): 17.60			One Well Volume (gal): 1.2			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 25.20			Total Volume Purged (gal): 1.5			Purge Method: peri-pump			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1058	0 Initial	—	7.29	17.56	1.55	27.9	8.30	27	clear
1103	1 20.10	0.5	7.26	16.95	1.40	22.5	8.04	22	clear
1108	2 20.70	1.0	7.50	17.83	1.26	28.9	8.26	13	clear
1113	3 20.75	1.5	7.26	@16.51	1.32	20.2	8.32	20	clear
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

Well No. MW-6			Diameter (inches): 2			Sample Date / Time: 7/14/25 1150			
Product Depth (fbTOR):			Water Column (ft): 5.19			DTW when sampled:			
DTW (static) (fbTOR): 17.21			One Well Volume (gal): 0.8			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 22.40			Total Volume Purged (gal): 1.25			Purge Method: peri-pump			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1126	0 Initial	—	7.22	16.76	1.73	>1000	8.13	-67	v. turbid
1132	1 22.00	0.5	7.28	17.76	1.60	>1000	7.19	-56	v. turbid
~~1135~~	~~2~~	~~—~~	~~dry~~	~~going~~	~~dry~~				
1138	3 22.00	0.75	7.20	@16.97	1.57	>1000	7.91	-14	v. turbid
1143	4 22.00	@1.0	7.30	16.09	1.67	423	7.55	-14	turbid
1148	5 22.00	1.25	7.33	15.55	1.70	170	7.54	-10	Slightly turbid
	6								
	7								
	8								
	9								
	10								
Sample Information:			had to slow pump rate						
	S1								
	S2								

REMARKS:

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

Note: All water level measurements are in feet, distance from top of riser.

PREPARED BY:

ROUX

GROUNDWATER FIELD FORM

Project Name: 1681-1689 Main Street
Location: Buffalo NY
Project No.:
Date: 7/14/25 - 7/15/25
Field Team: AK

Well No. TW-1			Diameter (inches): 2"			Sample Date / Time: 7/14/25 1245			
Product Depth (fbTOR): —			Water Column (ft): 8.28			DTW when sampled:			
DTW (static) (fbTOR): 15.82			One Well Volume (gal): 1.3			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 24.10			Total Volume Purged (gal): 3.0			Purge Method: peri-pump			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1214	0 Initial	—	7.32	18.75	1.49	>1000	6.11	55	turbid
1216	1 16.20	0.5	7.40	17.68	1.39	>1000	8.23	428	turbid
1221	2 16.20	1.0	7.45	16.96	1.76	811	7.81	173	turbid
1226	3 16.20	1.5	7.41	16.06	2.02	730	7.91	81	turbid
1231	4 16.20	2.0	7.40	16.39	2.37	715	8.31	29	turbid
1236	5 16.20	2.5	7.40	16.50	2.73	587	8.48	8	turbid
1241	6 16.20	3.0	7.38	15.79	2.83	496	8.89	4	turbid
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

Well No. ~~TW~~-4			Diameter (inches): 2"			Sample Date / Time: 7/14/~~25~~ 1315			
Product Depth (fbTOR): —			Water Column (ft): 6.79			DTW when sampled:			
DTW (static) (fbTOR): 15.61			One Well Volume (gal): 1.0			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 22.40			Total Volume Purged (gal): 1.5			Purge Method: peri-pump			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1255	0 Initial	~~—~~	7.38	16.76	1.49	>1000	6.32	-107	v. turbid
1300	1 15.70	0.5	7.43	17.02	1.74	559	7.40	-42	turbid
1305	2 15.71	1.0	7.37	16.42	1.84	157	8.11	-75	clear
1310	3 15.~~35~~	1.5	7.42	15.85	1.91	66.5	6.28	-94	clear
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

REMARKS:

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

Note: All water level measurements are in feet, distance from top of riser.

PREPARED BY:

ROUX

GROUNDWATER FIELD FORM

Project Name: 1681-1689 Main Street
Location: Buffalo, NY
Project No.:
Date: 7/14/25 - 7/15/25
Field Team: AK

Well No. MW-4			Diameter (inches): 2"			Sample Date / Time: 7/14/25 1345			
Product Depth (fbTOR): —			Water Column (ft): 6.35			DTW when sampled:			
DTW (static) (fbTOR): 13.25			One Well Volume (gal): 1.0			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 19.60			Total Volume Purged (gal): 1.5			Purge Method: peri-pump			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1325	0 Initial	0	7.42	15.54	0.936	>1000	7.75	~~-90~~	v. turbid
1330	1 13.75	0.5	7.33	15.00	0.908	21000	6.91	-87	turbid
1335	2 13.80	1.0	7.32	16.61	0.902	181	6.57	-72	clear
1340	3 13.82	1.5	7.35	16.69	0.904	127	6.60	-82	clear
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

Well No. TW-2			Diameter (inches): 2"			Sample Date / Time: 7/14/25 1425			
Product Depth (fbTOR):			Water Column (ft): 7.98			DTW when sampled:			
DTW (static) (fbTOR): 12.22			One Well Volume (gal): 1.28			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 25.20			Total Volume Purged (gal): 2.0			Purge Method: peri-pump			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1355	0 Initial	—	7.51	17.66	1.46	>1000	4.94	44	turbid
1400	1 19.12	0.5	7.49	17.00	1.40	86.8	5.04	59	clear
1405	2 20.95	1.0	7.50	15.82	1.42	50.2	6.82	65	clear
1410	3 20.95	1.5	7.45	16.21	1.45	34.80	6.82	66	clear
1415	4 20.95	2.0	7.48	16.81	1.44	20.72	6.82	61	clear
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

REMARKS:

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

Note: All water level measurements are in feet, distance from top of riser.

PREPARED BY:

ROUX

GROUNDWATER FIELD FORM

Project Name: 681-689 Main Street
Location: Buffalo, NY
Project No.:
Date: 7/14/25 - 7/15/25
Field Team:

Well No. MW-1R			Diameter (inches): 2"			Sample Date / Time: 7/15/25 950			
Product Depth (fbTOR): —			Water Column (ft): 7.43			DTW when sampled:			
DTW (static) (fbTOR): 17.77			One Well Volume (gal): 1.2			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 25.20			Total Volume Purged (gal): 2.50			Purge Method: peri-pump			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
922	0 Initial	—	7.83	19.03	1.70	>1000	7.27	111	v. turbid
927	1 18.71	0.5	7.77	17.26	1.68	323	8.43	127	slightly turbid
932	2 19.10	1.0	7.56	16.65	1.71	135	8.12	141	clear
937	3 19.10	1.5	7.47	15.99	1.72	50.9	8.07	149	clear
942	4 19.10	2.0	7.34	16.27	1.69	35.3	7.67	154	clear
947	5 19.20	2.5	7.25	16.18	1.63	43.2	7.71	158	clear
	6								
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

soft bottom

Well No. MW-5R			Diameter (inches): 2"			Sample Date / Time: 7/15/25 1045			
Product Depth (fbTOR): —			Water Column (ft): 6.51			DTW when sampled:			
DTW (static) (fbTOR): 18.19			One Well Volume (gal): 1.0			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 24.70			Total Volume Purged (gal): 2.50			Purge Method: peri-pump			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1015	0 Initial	—	7.37	16.51	2.19	710.0	3.29	-33	v. turbid
1020	1 18.40	0.5	7.47	15.98	2.20	>1000	3.48	-46	v. turbid
1025	2 18.58	1.0	7.46	15.95	2.16	511	3.77	-51	turbid
1030	3 18.54	1.5	7.42	15.83	2.09	81.0	3.44	-52	clear
1035	4 18.50	2.0	7.39	16.53	2.10	54.8	3.33	-51	clear
1040	5 18.50	2.5	7.43	15.99	2.09	35.6	3.28	-50	clear
	6								
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

REMARKS:

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

Note: All water level measurements are in feet, distance from top of riser.

PREPARED BY:

ROUX

GROUNDWATER FIELD FORM

Project Name:
Location: TW4
Project No.:
Date:
Field Team:

Well No. MW10 TW4	Diameter (inches): 2"	Sample Date / Time: 10/30/25
Product Depth (fbTOR): ORB NP	Water Column (ft): 6.58	DTW when sampled:
DTW (static) (fbTOR): 12.08	One Well Volume (gal): 1.07	Purpose: ☐ Development ☑ Sample ☐ Purge & Sample
Total Depth (fbTOR): 18.66	Total Volume Purged (gal):	Purge Method:

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
2:03	0	Initial	0.00	7.07	13.3	2011		1.65	89	IN ADTG
2:19	1	12.24	1.00	7.35	13.8	2063		1.77	86	"
2:23	2	12.20	2.00	7.36	13.0	2063		1.90	10	"
2:28	3	12.20	3.00	7.32	13.6	2111		1.53	6	"
	4									
	5									
	6									
	7									
	8									
	9									
	10									

Sample Information:

2:30	S1									
	S2									

Well No. MW4	Diameter (inches): 2"	Sample Date / Time: 10/31/25 1:50
Product Depth (fbTOR): N/A	Water Column (ft): 7.19	DTW when sampled:
DTW (static) (fbTOR): 12.91	One Well Volume (gal): 1.172	Purpose: ☐ Development ☑ Sample ☐ Purge & Sample
Total Depth (fbTOR): 19.60	Total Volume Purged (gal):	Purge Method:

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1:27	0	Initial	0.0	7.84	13.0	997.5		3.23	155	tan/brown turbid no od
1:34	1	13.13	1.0	7.66	13.9	906.3		2.40	89	CLEARS UP, slight tu
1:41	2	13.13	2.5	7.68	13.7	920.6		2.24	79	CLEAR
1:46	3	13.12	3.0	7.70	13.7	922.2			62	CLEAR
	4									
	5									
	6									
	7									
	8									
	9									
	10									

Sample Information:

1:50	S1									
	S2									

REMARKS:

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:

ROUX

GROUNDWATER FIELD FORM

Project Name: | Date:
Location: | Project No.: | Field Team:

Well No. GW3			Diameter (inches): 2"			Sample Date / Time: 10/30/25			
Product Depth (fbTOR): NP			Water Column (ft): 8.31			DTW when sampled:			
DTW (static) (fbTOR): 16.74			One Well Volume (gal): 1.35			Purpose: ☐ Development ☑ Sample ☐ Purge & Sample			
Total Depth (fbTOR): 25.05			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
3:20	0 Initial	0.00	7.48	12.19	1523		2.19	116	IN NOTES
3:29	1 20.28	1.00	7.78	12.30	1533		1.97		"
3:33	2 21.34	2.00	7.75	12.80	1604		2.02	85	"
3:39	3 22.38	3.00	7.67	12.80	1678		245	75	"
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
3:45	S1								
	S2								

Well No. MW6			Diameter (inches): 2"			Sample Date / Time: 10/31/25 1:10			
Product Depth (fbTOR): NP			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR): N/A			One Well Volume (gal):			Purpose: ☐ Development ☑ Sample ☐ Purge & Sample			
Total Depth (fbTOR): N/A			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
12:40	0 Initial	0.00	6.57	13.0	1665		4.20	169	CLEAR NO ODOR
12:45	1 N/A	1.00	6.87	13.4	1643		4.09	160	" "
12:54	2 N/A	1.75	7.15	13.5	1635		3.06	155	" "
1:04	3 "	2.50	7.19	13.8	1678		2.94	155	
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1:10	S1								
	S2								

REMARKS: NE

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

Note: All water level measurements are in feet, distance from top of riser.

PREPARED BY:

ROUX

GROUNDWATER FIELD FORM

Project Name: Date:

Location: TW2 Project No.: Field Team:

Well No. TW2			Diameter (inches): 2"			Sample Date / Time: 11-6-25 2:15			
Product Depth (fbTOR): NP			Water Column (ft): 6.56			DTW when sampled:			
DTW (static) (fbTOR): 14.65			One Well Volume (gal): 1.07			Purpose: ☐ Development ☑ Sample ☐ Purge & Sample			
Total Depth (fbTOR): 21.21			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1:50	0 Initial	0.00	7.05	13.7	1347		2.25	26	CLEAR NO ODOR
2:00	1 17.08	1.00	7.22	13.7	1055		2.25	6	" "
2:07	2 17.23	2.00	7.22	13.6	1201		2.05	15	" "
2:11	3 17.96	3.00	7.18	13.6	1320			13	" "
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
2:15	S1								
	S2								

Well No. TW2-1			Diameter (inches): 2"			Sample Date / Time: 11-6-25 3:10			
Product Depth (fbTOR): NP			Water Column (ft): 9.42			DTW when sampled:			
DTW (static) (fbTOR): 15.58			One Well Volume (gal): 1.54			Purpose: ☐ Development ☑ Sample ☐ Purge & Sample			
Total Depth (fbTOR): 25'			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
2:41	0 Initial	0.00	7.61	13.6	4478		9.37	102	tan turbid, no odor
2:51	1 15.65	1.00	7.31	13.6	4372		8.73	100	" "
2:58	2 15.66	2.5	7.10	13.6	4536		8.04	103	" "
3:06	3 15.65	4.00	7.10	13.7	4504		7.96	102	" "
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
3:10	S1								
	S2								

REMARKS:

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:

APPENDIX D

Laboratory Summary Reports

ANALYTICAL REPORT

Lab Number:	L2402229
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	01/19/24

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

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2402229
Report Date: 01/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2402229-01	TP-3 2-4	SOIL	BUFFALO, NY	01/11/24 11:40	01/12/24
L2402229-02	TP-4 1-2	SOIL	BUFFALO, NY	01/11/24 13:00	01/12/24
L2402229-03	TP-20-SS 0-1	SOIL	BUFFALO, NY	01/11/24 11:10	01/12/24
L2402229-04	TP-20 1-3	SOIL	BUFFALO, NY	01/11/24 11:15	01/12/24
L2402229-05	TP-20 4-6	SOIL	BUFFALO, NY	01/11/24 11:20	01/12/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2402229
Project Number:	4461.0001B002	**Report Date:**	01/19/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2402229
Project Number:	4461.0001B002	**Report Date:**	01/19/24

Case Narrative (continued)

Report Submission

January 19, 2024: This final report includes the results of all requested analyses.

January 19, 2024: This is a preliminary report.

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

Semivolatile Organics

L2402229-03D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Total Metals

L2402229-01, -02, -03, and -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1874464-3 MS recoveries for aluminum (629%), calcium (0%), iron (772%), and magnesium (0%), performed on L2402229-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1874464-3 MS recoveries, performed on L2402229-01, are outside the acceptance criteria for arsenic (126%) and potassium (150%). A post digestion spike was performed and was within acceptance criteria.

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

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 01/19/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-01
Client ID: TP-3 2-4
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:40
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/16/24 00:23
Analyst: SZ
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 01/15/24 08:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2402229

Project Number: 4461.0001B002 **Report Date:** 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-01 Date Collected: 01/11/24 11:40

Client ID: TP-3 2-4 Date Received: 01/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	31.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2402229

Project Number: 4461.0001B002 **Report Date:** 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-01 Date Collected: 01/11/24 11:40

Client ID: TP-3 2-4 Date Received: 01/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	100		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	112		10-136
4-Terphenyl-d14	85		18-120

Project Name: 1681-1689 MAIN STREET
Lab Number: L2402229
Project Number: 4461.0001B002
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-02 D2
Client ID: TP-4 1-2
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 13:00
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/16/24 17:13
Analyst: SZ
Percent Solids: 66%

Extraction Method: EPA 3546
Extraction Date: 01/15/24 08:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	55000		ug/kg	3700	710	25
Pyrene	43000		ug/kg	3700	610	25

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-02 D
Client ID: TP-4 1-2
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 13:00
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/16/24 08:14
Analyst: SZ
Percent Solids: 66%

Extraction Method: EPA 3546
Extraction Date: 01/15/24 08:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	5800		ug/kg	990	130	5
Hexachlorobenzene	ND		ug/kg	740	140	5
Bis(2-chloroethyl)ether	ND		ug/kg	1100	170	5
2-Chloronaphthalene	ND		ug/kg	1200	120	5
3,3'-Dichlorobenzidine	ND		ug/kg	1200	330	5
2,4-Dinitrotoluene	ND		ug/kg	1200	250	5
2,6-Dinitrotoluene	ND		ug/kg	1200	210	5
Fluoranthene	61000	E	ug/kg	740	140	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1200	130	5
4-Bromophenyl phenyl ether	ND		ug/kg	1200	190	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1500	210	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1300	120	5
Hexachlorobutadiene	ND		ug/kg	1200	180	5
Hexachlorocyclopentadiene	ND		ug/kg	3500	1100	5
Hexachloroethane	ND		ug/kg	990	200	5
Isophorone	ND		ug/kg	1100	160	5
Naphthalene	2000		ug/kg	1200	150	5
Nitrobenzene	ND		ug/kg	1100	180	5
NDPA/DPA	ND		ug/kg	990	140	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1200	190	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1200	430	5
Butyl benzyl phthalate	540	J	ug/kg	1200	310	5
Di-n-butylphthalate	ND		ug/kg	1200	230	5
Di-n-octylphthalate	ND		ug/kg	1200	420	5
Diethyl phthalate	ND		ug/kg	1200	110	5
Dimethyl phthalate	ND		ug/kg	1200	260	5
Benzo(a)anthracene	27000		ug/kg	740	140	5
Benzo(a)pyrene	27000		ug/kg	990	300	5

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2402229

Project Number: 4461.0001B002 **Report Date:** 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-02 D Date Collected: 01/11/24 13:00
Client ID: TP-4 1-2 Date Received: 01/12/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	37000		ug/kg	740	210	5
Benzo(k)fluoranthene	10000		ug/kg	740	200	5
Chrysene	27000		ug/kg	740	130	5
Acenaphthylene	400	J	ug/kg	990	190	5
Anthracene	9500		ug/kg	740	240	5
Benzo(ghi)perylene	10000		ug/kg	990	140	5
Fluorene	3500		ug/kg	1200	120	5
Phenanthrene	44000		ug/kg	740	150	5
Dibenzo(a,h)anthracene	2300		ug/kg	740	140	5
Indeno(1,2,3-cd)pyrene	10000		ug/kg	990	170	5
Pyrene	50000	E	ug/kg	740	120	5
Biphenyl	280	J	ug/kg	2800	160	5
4-Chloroaniline	ND		ug/kg	1200	220	5
2-Nitroaniline	ND		ug/kg	1200	240	5
3-Nitroaniline	ND		ug/kg	1200	230	5
4-Nitroaniline	ND		ug/kg	1200	510	5
Dibenzofuran	2400		ug/kg	1200	120	5
2-Methylnaphthalene	860	J	ug/kg	1500	150	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1200	130	5
Acetophenone	ND		ug/kg	1200	150	5
2,4,6-Trichlorophenol	ND		ug/kg	740	230	5
p-Chloro-m-cresol	ND		ug/kg	1200	180	5
2-Chlorophenol	ND		ug/kg	1200	140	5
2,4-Dichlorophenol	ND		ug/kg	1100	200	5
2,4-Dimethylphenol	ND		ug/kg	1200	410	5
2-Nitrophenol	ND		ug/kg	2700	460	5
4-Nitrophenol	ND		ug/kg	1700	500	5
2,4-Dinitrophenol	ND		ug/kg	5900	570	5
4,6-Dinitro-o-cresol	ND		ug/kg	3200	590	5
Pentachlorophenol	ND		ug/kg	990	270	5
Phenol	ND		ug/kg	1200	190	5
2-Methylphenol	ND		ug/kg	1200	190	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1800	190	5
2,4,5-Trichlorophenol	ND		ug/kg	1200	240	5
Carbazole	6700		ug/kg	1200	120	5
Atrazine	ND		ug/kg	990	430	5
Benzaldehyde	ND		ug/kg	1600	330	5

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2402229

Project Number: 4461.0001B002 **Report Date:** 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-02 D Date Collected: 01/11/24 13:00
Client ID: TP-4 1-2 Date Received: 01/12/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	1200	370	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1200	250	5
1,4-Dioxane	ND		ug/kg	180	57.	5
Tentatively Identified Compounds						
Total TIC Compounds	47200	J	ug/kg			5
Unknown	1680	J	ug/kg			5
Unknown Ketone	1240	J	ug/kg			5
Unknown Ketone	1120	J	ug/kg			5
Unknown Thiophene	3310	J	ug/kg			5
Unknown PAH	1710	J	ug/kg			5
Unknown PAH	2010	J	ug/kg			5
Unknown PAH	4630	J	ug/kg			5
Unknown	2920	J	ug/kg			5
Unknown PAH	2060	J	ug/kg			5
Unknown PAH	5270	J	ug/kg			5
Unknown Thiophene	1210	J	ug/kg			5
Unknown Ketone	5580	J	ug/kg			5
Unknown Ketone	2580	J	ug/kg			5
Unknown	3760	J	ug/kg			5
Unknown PAH	8120	J	ug/kg			5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	65		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-03
Client ID: TP-20-SS 0-1
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:10
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 01/18/24 16:30
Analyst: RS
Percent Solids: 82%

Extraction Method: EPA 1633
Extraction Date: 01/17/24 11:00
Cleanup Method: EPA 1633
Cleanup Date: 01/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.793	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.396	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.793	0.080	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.198	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.059	1
Perfluorooctanoic Acid (PFOA)	0.355		ng/g	0.198	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.793	0.278	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.198	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	1.26		ng/g	0.198	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.793	0.384	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.198	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.105	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.793	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.793	0.145	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.038	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2402229

Project Number: 4461.0001B002 **Report Date:** 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-03 Date Collected: 01/11/24 11:10

Client ID: TP-20-SS 0-1 Date Received: 01/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.793	0.194	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.793	0.166	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.099	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.111	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.98	0.248	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.506	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.396	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.396	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.396	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.396	0.094	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.991	0.143	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.96	0.500	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.96	1.74	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2402229

Project Number: 4461.0001B002 **Report Date:** 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-03 Date Collected: 01/11/24 11:10

Client ID: TP-20-SS 0-1 Date Received: 01/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	71		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	71		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	77		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	69		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	70		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	65		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	70		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	79		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	63		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	71		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	56		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	68		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	53		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	69		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	58		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	25		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	69		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	41		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	45		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	53		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	33		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-03 D
Client ID: TP-20-SS 0-1
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:10
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/16/24 16:50
Analyst: SZ
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/15/24 08:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	3200		ug/kg	1600	210	10
Hexachlorobenzene	ND		ug/kg	1200	220	10
Bis(2-chloroethyl)ether	ND		ug/kg	1800	270	10
2-Chloronaphthalene	ND		ug/kg	2000	200	10
3,3'-Dichlorobenzidine	ND		ug/kg	2000	540	10
2,4-Dinitrotoluene	ND		ug/kg	2000	400	10
2,6-Dinitrotoluene	ND		ug/kg	2000	340	10
Fluoranthene	28000		ug/kg	1200	230	10
4-Chlorophenyl phenyl ether	ND		ug/kg	2000	220	10
4-Bromophenyl phenyl ether	ND		ug/kg	2000	310	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2400	340	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2200	200	10
Hexachlorobutadiene	ND		ug/kg	2000	300	10
Hexachlorocyclopentadiene	ND		ug/kg	5800	1800	10
Hexachloroethane	ND		ug/kg	1600	330	10
Isophorone	ND		ug/kg	1800	260	10
Naphthalene	3900		ug/kg	2000	240	10
Nitrobenzene	ND		ug/kg	1800	300	10
NDPA/DPA	ND		ug/kg	1600	230	10
n-Nitrosodi-n-propylamine	ND		ug/kg	2000	310	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	2000	700	10
Butyl benzyl phthalate	ND		ug/kg	2000	510	10
Di-n-butylphthalate	ND		ug/kg	2000	380	10
Di-n-octylphthalate	ND		ug/kg	2000	680	10
Diethyl phthalate	ND		ug/kg	2000	190	10
Dimethyl phthalate	ND		ug/kg	2000	420	10
Benzo(a)anthracene	14000		ug/kg	1200	230	10
Benzo(a)pyrene	12000		ug/kg	1600	490	10

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2402229

Project Number: 4461.0001B002 **Report Date:** 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-03 D
Client ID: TP-20-SS 0-1
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:10
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	15000		ug/kg	1200	340	10
Benzo(k)fluoranthene	4200		ug/kg	1200	320	10
Chrysene	13000		ug/kg	1200	210	10
Acenaphthylene	ND		ug/kg	1600	310	10
Anthracene	5800		ug/kg	1200	390	10
Benzo(ghi)perylene	6200		ug/kg	1600	240	10
Fluorene	3100		ug/kg	2000	200	10
Phenanthrene	23000		ug/kg	1200	240	10
Dibenzo(a,h)anthracene	1600		ug/kg	1200	230	10
Indeno(1,2,3-cd)pyrene	7900		ug/kg	1600	280	10
Pyrene	21000		ug/kg	1200	200	10
Biphenyl	280	J	ug/kg	4600	260	10
4-Chloroaniline	ND		ug/kg	2000	370	10
2-Nitroaniline	ND		ug/kg	2000	390	10
3-Nitroaniline	ND		ug/kg	2000	380	10
4-Nitroaniline	ND		ug/kg	2000	830	10
Dibenzofuran	1800	J	ug/kg	2000	190	10
2-Methylnaphthalene	1100	J	ug/kg	2400	240	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	2000	210	10
Acetophenone	ND		ug/kg	2000	250	10
2,4,6-Trichlorophenol	ND		ug/kg	1200	380	10
p-Chloro-m-cresol	ND		ug/kg	2000	300	10
2-Chlorophenol	ND		ug/kg	2000	240	10
2,4-Dichlorophenol	ND		ug/kg	1800	320	10
2,4-Dimethylphenol	ND		ug/kg	2000	660	10
2-Nitrophenol	ND		ug/kg	4400	760	10
4-Nitrophenol	ND		ug/kg	2800	820	10
2,4-Dinitrophenol	ND		ug/kg	9700	940	10
4,6-Dinitro-o-cresol	ND		ug/kg	5200	970	10
Pentachlorophenol	ND		ug/kg	1600	440	10
Phenol	ND		ug/kg	2000	300	10
2-Methylphenol	ND		ug/kg	2000	310	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2900	320	10
2,4,5-Trichlorophenol	ND		ug/kg	2000	390	10
Carbazole	3400		ug/kg	2000	200	10
Atrazine	ND		ug/kg	1600	700	10
Benzaldehyde	ND		ug/kg	2700	540	10

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2402229

Project Number: 4461.0001B002 **Report Date:** 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-03 D Date Collected: 01/11/24 11:10
Client ID: TP-20-SS 0-1 Date Received: 01/12/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	2000	610	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	2000	410	10
1,4-Dioxane	ND		ug/kg	300	93.	10
Tentatively Identified Compounds						
Total TIC Compounds	34000	J	ug/kg			10
Unknown	2000	J	ug/kg			10
Unknown PAH	2050	J	ug/kg			10
Unknown PAH	2530	J	ug/kg			10
Unknown PAH	2990	J	ug/kg			10
Unknown Thiophene	1880	J	ug/kg			10
Unknown PAH	5010	J	ug/kg			10
Unknown	2890	J	ug/kg			10
Unknown PAH	2270	J	ug/kg			10
Unknown PAH	6760	J	ug/kg			10
Unknown PAH	1740	J	ug/kg			10
Unknown Alkane	2110	J	ug/kg			10
Unknown	1730	J	ug/kg			10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	69		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-04
Client ID: TP-20 1-3
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:15
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 01/18/24 16:43
Analyst: RS
Percent Solids: 79%

Extraction Method: EPA 1633
Extraction Date: 01/17/24 11:00
Cleanup Method: EPA 1633
Cleanup Date: 01/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.797	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.797	0.081	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.059	1
Perfluorooctanoic Acid (PFOA)	0.289		ng/g	0.199	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.797	0.279	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	1.51		ng/g	0.199	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.797	0.386	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.100	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.797	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.797	0.146	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.038	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2402229

Project Number: 4461.0001B002 **Report Date:** 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-04 Date Collected: 01/11/24 11:15

Client ID: TP-20 1-3 Date Received: 01/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.797	0.195	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.797	0.166	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.100	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.112	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.249	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.508	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.996	0.143	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	0.503	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	1.75	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2402229

Project Number: 4461.0001B002 **Report Date:** 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-04 Date Collected: 01/11/24 11:15

Client ID: TP-20 1-3 Date Received: 01/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	74		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	76		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	73		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	68		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	75		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	76		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	72		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	61		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	73		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	63		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	65		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	81		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	73		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	67		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	78		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	71		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	59		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-05
Client ID: TP-20 4-6
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:20
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/16/24 00:40
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 01/15/24 08:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2402229

Project Number: 4461.0001B002 **Report Date:** 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-05 Date Collected: 01/11/24 11:20

Client ID: TP-20 4-6 Date Received: 01/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2402229

Project Number: 4461.0001B002 **Report Date:** 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-05 Date Collected: 01/11/24 11:20

Client ID: TP-20 4-6 Date Received: 01/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	82		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-05
Client ID: TP-20 4-6
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:20
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 01/18/24 16:55
Analyst: RS
Percent Solids: 86%

Extraction Method: EPA 1633
Extraction Date: 01/17/24 11:00
Cleanup Method: EPA 1633
Cleanup Date: 01/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.781	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.390	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.195	0.042	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.781	0.079	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.195	0.045	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.195	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.195	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.195	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.195	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.781	0.273	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.195	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.195	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.195	0.077	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.195	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.781	0.378	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.195	0.041	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.195	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.195	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.195	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.195	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.195	0.080	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.195	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.195	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.195	0.104	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.781	0.096	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.781	0.143	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.195	0.038	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2402229

Project Number: 4461.0001B002 **Report Date:** 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-05 Date Collected: 01/11/24 11:20

Client ID: TP-20 4-6 Date Received: 01/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.781	0.191	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.781	0.163	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.195	0.098	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.195	0.109	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.95	0.244	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.95	0.498	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.390	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.390	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.390	0.081	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.390	0.093	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.976	0.140	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.88	0.493	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.88	1.72	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2402229

Project Number: 4461.0001B002 **Report Date:** 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-05 Date Collected: 01/11/24 11:20

Client ID: TP-20 4-6 Date Received: 01/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	73		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	72		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	75		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	64		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	75		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	68		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	71		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	61		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	71		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	61		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	61		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	73		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	65		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	68		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	41		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	72		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	69		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	77		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	71		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 01/15/24 22:42
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 01/15/24 08:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05 Batch: WG1874298-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2402229

Project Number: 4461.0001B002 **Report Date:** 01/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 01/15/24 22:42
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 01/15/24 08:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05 Batch: WG1874298-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 01/15/24 22:42
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 01/15/24 08:05

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05 Batch: WG1874298-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	78		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2402229
Report Date: 01/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 01/18/24 14:08
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 01/17/24 11:00
Cleanup Method: EPA 1633
Cleanup Date: 01/18/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03-05 Batch: WG1875196-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 01/18/24 14:08
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 01/17/24 11:00
Cleanup Method: EPA 1633
Cleanup Date: 01/18/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03-05 Batch: WG1875196-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 01/18/24 14:08
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 01/17/24 11:00
Cleanup Method: EPA 1633
Cleanup Date: 01/18/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03-05 Batch: WG1875196-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	82		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	79		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	76		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	91		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	72		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	71		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	62		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	67		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	69		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	27		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	78		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	61		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	71		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	68		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	63		20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2402229

Report Date: 01/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1874298-2 WG1874298-3								
Acenaphthene	81		80		31-137	1		50
Hexachlorobenzene	90		87		40-140	3		50
Bis(2-chloroethyl)ether	83		84		40-140	1		50
2-Chloronaphthalene	87		87		40-140	0		50
3,3'-Dichlorobenzidine	69		69		40-140	0		50
2,4-Dinitrotoluene	83		82		40-132	1		50
2,6-Dinitrotoluene	108		108		40-140	0		50
Fluoranthene	84		84		40-140	0		50
4-Chlorophenyl phenyl ether	83		82		40-140	1		50
4-Bromophenyl phenyl ether	88		86		40-140	2		50
Bis(2-chloroisopropyl)ether	82		83		40-140	1		50
Bis(2-chloroethoxy)methane	88		87		40-117	1		50
Hexachlorobutadiene	82		81		40-140	1		50
Hexachlorocyclopentadiene	44		44		40-140	0		50
Hexachloroethane	76		78		40-140	3		50
Isophorone	90		90		40-140	0		50
Naphthalene	79		80		40-140	1		50
Nitrobenzene	90		89		40-140	1		50
NDPA/DPA	85		86		36-157	1		50
n-Nitrosodi-n-propylamine	88		88		32-121	0		50
Bis(2-ethylhexyl)phthalate	95		94		40-140	1		50
Butyl benzyl phthalate	91		91		40-140	0		50
Di-n-butylphthalate	90		89		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2402229

Report Date: 01/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1874298-2 WG1874298-3								
Di-n-octylphthalate	93		94		40-140	1		50
Diethyl phthalate	87		87		40-140	0		50
Dimethyl phthalate	91		92		40-140	1		50
Benzo(a)anthracene	88		88		40-140	0		50
Benzo(a)pyrene	91		91		40-140	0		50
Benzo(b)fluoranthene	89		80		40-140	11		50
Benzo(k)fluoranthene	82		88		40-140	7		50
Chrysene	87		85		40-140	2		50
Acenaphthylene	83		84		40-140	1		50
Anthracene	86		87		40-140	1		50
Benzo(ghi)perylene	77		76		40-140	1		50
Fluorene	82		83		40-140	1		50
Phenanthrene	85		85		40-140	0		50
Dibenzo(a,h)anthracene	81		80		40-140	1		50
Indeno(1,2,3-cd)pyrene	89		88		40-140	1		50
Pyrene	84		83		35-142	1		50
Biphenyl	91		93		37-127	2		50
4-Chloroaniline	42		43		40-140	2		50
2-Nitroaniline	112		113		47-134	1		50
3-Nitroaniline	63		66		26-129	5		50
4-Nitroaniline	84		84		41-125	0		50
Dibenzofuran	81		82		40-140	1		50
2-Methylnaphthalene	86		86		40-140	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2402229

Report Date: 01/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1874298-2 WG1874298-3								
1,2,4,5-Tetrachlorobenzene	92		92		40-117	0		50
Acetophenone	97		97		14-144	0		50
2,4,6-Trichlorophenol	107		106		30-130	1		50
p-Chloro-m-cresol	100		99		26-103	1		50
2-Chlorophenol	89		90		25-102	1		50
2,4-Dichlorophenol	104		100		30-130	4		50
2,4-Dimethylphenol	76		74		30-130	3		50
2-Nitrophenol	113		112		30-130	1		50
4-Nitrophenol	87		88		11-114	1		50
2,4-Dinitrophenol	62		66		4-130	6		50
4,6-Dinitro-o-cresol	109		108		10-130	1		50
Pentachlorophenol	93		92		17-109	1		50
Phenol	**99**	Q	**98**	Q	26-90	1		50
2-Methylphenol	90		88		30-130.	2		50
3-Methylphenol/4-Methylphenol	93		92		30-130	1		50
2,4,5-Trichlorophenol	103		104		30-130	1		50
Carbazole	90		88		54-128	2		50
Atrazine	91		86		40-140	6		50
Benzaldehyde	64		66		40-140	3		50
Caprolactam	115		116		15-130	1		50
2,3,4,6-Tetrachlorophenol	106		100		40-140	6		50
1,4-Dioxane	62		59		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2402229

Report Date: 01/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05 Batch: WG1874298-2 WG1874298-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	84		82		25-120
Phenol-d6	90		87		10-120
Nitrobenzene-d5	87		85		23-120
2-Fluorobiphenyl	79		79		30-120
2,4,6-Tribromophenol	103		102		10-136
4-Terphenyl-d14	76		73		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2402229

Report Date: 01/19/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03-05 Batch: WG1875196-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	95		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	94		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	94		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	95		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	97		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	102		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	106		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	98		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	85		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	91		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	103		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	109		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	113		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	96		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	88		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	90		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	68		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	88		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	81		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	88		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	87		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	98		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2402229

Report Date: 01/19/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03-05 Batch: WG1875196-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	73		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	120		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	103		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	110		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	46		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	114		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	97		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	102		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	84		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	93		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	105		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	96		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	107		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	109		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	78		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	91		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	98		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	68		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2402229

Report Date: 01/19/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03-05 Batch: WG1875196-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	82				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	74				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	88				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	77				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	65				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	29				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	79				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	68				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	80				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	77				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	71				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2402229

Report Date: 01/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03-05 Batch: WG1875196-3								
Perfluorobutanoic Acid (PFBA)	96		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	94		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	94		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	98		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	96		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	116		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	99		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	98		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	86		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	92		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	104		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	100		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	99		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	95		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	93		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	93		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	98		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	96		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	81		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	93		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	106		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	86		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2402229

Report Date: 01/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03-05 Batch: WG1875196-3								
Perfluorotridecanoic Acid (PFTrDA)	64		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	119		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	101		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	107		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	41		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	106		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	93		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	94		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	88		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	95		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	108		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	106		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	113		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	105		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	86		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	96		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	100		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	70		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2402229

Report Date: 01/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03-05 Batch: WG1875196-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	80				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	85				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	79				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	79				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	84				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	63				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	60				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	67				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	24				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	79				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	65				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	68				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	71				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	62				20-150

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-01
Client ID: TP-3 2-4
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:40
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/16/24 08:13
Analyst: AKM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 01/16/24 03:03
Cleanup Method: EPA 3665A
Cleanup Date: 01/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 01/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.8	4.78	1	A
Aroclor 1221	ND		ug/kg	53.8	5.39	1	A
Aroclor 1232	ND		ug/kg	53.8	11.4	1	A
Aroclor 1242	ND		ug/kg	53.8	7.25	1	A
Aroclor 1248	ND		ug/kg	53.8	8.07	1	A
Aroclor 1254	ND		ug/kg	53.8	5.88	1	A
Aroclor 1260	ND		ug/kg	53.8	9.94	1	A
Aroclor 1262	ND		ug/kg	53.8	6.83	1	A
Aroclor 1268	ND		ug/kg	53.8	5.57	1	A
PCBs, Total	ND		ug/kg	53.8	4.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-03
Client ID: TP-20-SS 0-1
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:10
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/16/24 09:36
Analyst: AKM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/15/24 22:20
Cleanup Method: EPA 3665A
Cleanup Date: 01/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 01/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.5	5.11	1	A
Aroclor 1221	ND		ug/kg	57.5	5.76	1	A
Aroclor 1232	ND		ug/kg	57.5	12.2	1	A
Aroclor 1242	ND		ug/kg	57.5	7.76	1	A
Aroclor 1248	ND		ug/kg	57.5	8.63	1	A
Aroclor 1254	ND		ug/kg	57.5	6.29	1	A
Aroclor 1260	ND		ug/kg	57.5	10.6	1	A
Aroclor 1262	ND		ug/kg	57.5	7.31	1	A
Aroclor 1268	ND		ug/kg	57.5	5.96	1	A
PCBs, Total	ND		ug/kg	57.5	5.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-04
Client ID: TP-20 1-3
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:15
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/16/24 08:21
Analyst: AKM
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 01/16/24 03:03
Cleanup Method: EPA 3665A
Cleanup Date: 01/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 01/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.7	5.21	1	A
Aroclor 1221	ND		ug/kg	58.7	5.88	1	A
Aroclor 1232	ND		ug/kg	58.7	12.4	1	A
Aroclor 1242	ND		ug/kg	58.7	7.92	1	A
Aroclor 1248	ND		ug/kg	58.7	8.81	1	A
Aroclor 1254	ND		ug/kg	58.7	6.42	1	A
Aroclor 1260	ND		ug/kg	58.7	10.8	1	A
Aroclor 1262	ND		ug/kg	58.7	7.46	1	A
Aroclor 1268	ND		ug/kg	58.7	6.08	1	A
PCBs, Total	ND		ug/kg	58.7	5.21	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-05
Client ID: TP-20 4-6
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:20
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/16/24 09:43
Analyst: AKM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 01/15/24 22:20
Cleanup Method: EPA 3665A
Cleanup Date: 01/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 01/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.9	5.05	1	A
Aroclor 1221	ND		ug/kg	56.9	5.70	1	A
Aroclor 1232	ND		ug/kg	56.9	12.0	1	A
Aroclor 1242	ND		ug/kg	56.9	7.67	1	A
Aroclor 1248	ND		ug/kg	56.9	8.53	1	A
Aroclor 1254	ND		ug/kg	56.9	6.22	1	A
Aroclor 1260	ND		ug/kg	56.9	10.5	1	A
Aroclor 1262	ND		ug/kg	56.9	7.22	1	A
Aroclor 1268	ND		ug/kg	56.9	5.89	1	A
PCBs, Total	ND		ug/kg	56.9	5.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/16/24 07:21
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 01/15/24 21:55
Cleanup Method: EPA 3665A
Cleanup Date: 01/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 01/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03-05 Batch: WG1874620-1						
Aroclor 1016	ND		ug/kg	46.1	4.09	A
Aroclor 1221	ND		ug/kg	46.1	4.62	A
Aroclor 1232	ND		ug/kg	46.1	9.77	A
Aroclor 1242	ND		ug/kg	46.1	6.21	A
Aroclor 1248	ND		ug/kg	46.1	6.91	A
Aroclor 1254	ND		ug/kg	46.1	5.04	A
Aroclor 1260	ND		ug/kg	46.1	8.52	A
Aroclor 1262	ND		ug/kg	46.1	5.85	A
Aroclor 1268	ND		ug/kg	46.1	4.77	A
PCBs, Total	ND		ug/kg	46.1	4.09	A

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2402229

Report Date: 01/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1874620-2 WG1874620-3									
Aroclor 1016	100		114		40-140	13		50	A
Aroclor 1260	101		116		40-140	14		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		74		30-150	A
Decachlorobiphenyl	65		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		72		30-150	B
Decachlorobiphenyl	64		70		30-150	B

PESTICIDES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-03
Client ID: TP-20-SS 0-1
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:10
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/16/24 22:16
Analyst: PEG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 01/16/24 01:28
Cleanup Method: EPA 3620B
Cleanup Date: 01/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 01/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.90	0.372	1	A
Lindane	ND		ug/kg	0.791	0.354	1	A
Alpha-BHC	ND		ug/kg	0.791	0.225	1	A
Beta-BHC	ND		ug/kg	1.90	0.720	1	A
Heptachlor	ND		ug/kg	0.949	0.426	1	A
Aldrin	ND		ug/kg	1.90	0.668	1	A
Heptachlor epoxide	ND		ug/kg	3.56	1.07	1	A
Endrin	ND		ug/kg	0.791	0.324	1	A
Endrin aldehyde	ND		ug/kg	2.37	0.831	1	A
Endrin ketone	ND		ug/kg	1.90	0.489	1	A
Dieldrin	ND		ug/kg	1.19	0.593	1	A
4,4'-DDE	ND		ug/kg	1.90	0.439	1	A
4,4'-DDD	ND		ug/kg	1.90	0.677	1	A
4,4'-DDT	ND		ug/kg	1.90	1.53	1	A
Endosulfan I	ND		ug/kg	1.90	0.448	1	A
Endosulfan II	ND		ug/kg	1.90	0.634	1	A
Endosulfan sulfate	ND		ug/kg	0.791	0.376	1	A
Methoxychlor	ND		ug/kg	3.56	1.11	1	A
Toxaphene	ND		ug/kg	35.6	9.97	1	A
cis-Chlordane	ND		ug/kg	2.37	0.661	1	A
trans-Chlordane	ND		ug/kg	2.37	0.626	1	A
Chlordane	ND		ug/kg	15.8	6.29	1	A

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2402229

Project Number: 4461.0001B002 **Report Date:** 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-03 Date Collected: 01/11/24 11:10

Client ID: TP-20-SS 0-1 Date Received: 01/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-03
Client ID: TP-20-SS 0-1
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:10
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/18/24 14:13
Analyst: EMR
Percent Solids: 82%
Methylation Date: 01/18/24 06:52

Extraction Method: EPA 8151A
Extraction Date: 01/17/24 12:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	199	12.5	1	A
2,4,5-T	ND		ug/kg	199	6.17	1	A
2,4,5-TP (Silvex)	ND		ug/kg	199	5.30	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	84		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-04
Client ID: TP-20 1-3
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:15
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/16/24 10:55
Analyst: PEG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 01/16/24 03:26
Cleanup Method: EPA 3620B
Cleanup Date: 01/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 01/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.97	0.386	1	A
Lindane	ND		ug/kg	0.822	0.367	1	A
Alpha-BHC	ND		ug/kg	0.822	0.233	1	A
Beta-BHC	ND		ug/kg	1.97	0.748	1	A
Heptachlor	ND		ug/kg	0.986	0.442	1	A
Aldrin	ND		ug/kg	1.97	0.694	1	A
Heptachlor epoxide	ND		ug/kg	3.70	1.11	1	A
Endrin	ND		ug/kg	0.822	0.337	1	A
Endrin aldehyde	ND		ug/kg	2.46	0.863	1	A
Endrin ketone	ND		ug/kg	1.97	0.508	1	A
Dieldrin	ND		ug/kg	1.23	0.616	1	A
4,4'-DDE	ND		ug/kg	1.97	0.456	1	A
4,4'-DDD	ND		ug/kg	1.97	0.704	1	A
4,4'-DDT	ND		ug/kg	1.97	1.59	1	A
Endosulfan I	ND		ug/kg	1.97	0.466	1	A
Endosulfan II	ND		ug/kg	1.97	0.659	1	A
Endosulfan sulfate	ND		ug/kg	0.822	0.391	1	A
Methoxychlor	ND		ug/kg	3.70	1.15	1	A
Toxaphene	ND		ug/kg	37.0	10.4	1	A
cis-Chlordane	ND		ug/kg	2.46	0.687	1	A
trans-Chlordane	ND		ug/kg	2.46	0.651	1	A
Chlordane	ND		ug/kg	16.4	6.53	1	A

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2402229

Project Number: 4461.0001B002 **Report Date:** 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-04 Date Collected: 01/11/24 11:15

Client ID: TP-20 1-3 Date Received: 01/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	121		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-04
Client ID: TP-20 1-3
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:15
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/18/24 14:31
Analyst: EMR
Percent Solids: 79%
Methylation Date: 01/18/24 06:52

Extraction Method: EPA 8151A
Extraction Date: 01/17/24 12:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	208	13.1	1	A
2,4,5-T	ND		ug/kg	208	6.44	1	A
2,4,5-TP (Silvex)	ND		ug/kg	208	5.53	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	89		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-05
Client ID: TP-20 4-6
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:20
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/16/24 22:03
Analyst: PEG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 01/16/24 01:28
Cleanup Method: EPA 3620B
Cleanup Date: 01/17/24
Cleanup Method: EPA 3660B
Cleanup Date: 01/17/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.346	1	A
Lindane	ND		ug/kg	0.735	0.329	1	A
Alpha-BHC	ND		ug/kg	0.735	0.209	1	A
Beta-BHC	ND		ug/kg	1.76	0.669	1	A
Heptachlor	ND		ug/kg	0.882	0.395	1	A
Aldrin	ND		ug/kg	1.76	0.621	1	A
Heptachlor epoxide	ND		ug/kg	3.31	0.992	1	A
Endrin	ND		ug/kg	0.735	0.301	1	A
Endrin aldehyde	ND		ug/kg	2.20	0.772	1	A
Endrin ketone	ND		ug/kg	1.76	0.454	1	A
Dieldrin	ND		ug/kg	1.10	0.551	1	A
4,4'-DDE	ND		ug/kg	1.76	0.408	1	A
4,4'-DDD	ND		ug/kg	1.76	0.629	1	A
4,4'-DDT	ND		ug/kg	1.76	1.42	1	A
Endosulfan I	ND		ug/kg	1.76	0.417	1	A
Endosulfan II	ND		ug/kg	1.76	0.590	1	A
Endosulfan sulfate	ND		ug/kg	0.735	0.350	1	A
Methoxychlor	ND		ug/kg	3.31	1.03	1	A
Toxaphene	ND		ug/kg	33.1	9.26	1	A
cis-Chlordane	ND		ug/kg	2.20	0.614	1	A
trans-Chlordane	ND		ug/kg	2.20	0.582	1	A
Chlordane	ND		ug/kg	14.7	5.84	1	A

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2402229

Project Number: 4461.0001B002 **Report Date:** 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-05 Date Collected: 01/11/24 11:20

Client ID: TP-20 4-6 Date Received: 01/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-05
Client ID: TP-20 4-6
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:20
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 01/18/24 14:50
Analyst: EMR
Percent Solids: 86%
Methylation Date: 01/18/24 06:52

Extraction Method: EPA 8151A
Extraction Date: 01/17/24 12:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	193	12.1	1	A
2,4,5-T	ND		ug/kg	193	5.98	1	A
2,4,5-TP (Silvex)	ND		ug/kg	193	5.13	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	85		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2402229
Report Date: 01/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/16/24 13:55
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 01/15/24 20:18
Cleanup Method: EPA 3620B
Cleanup Date: 01/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 01/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03,05 Batch: WG1874605-1						
Delta-BHC	ND		ug/kg	1.53	0.300	A
Lindane	ND		ug/kg	0.639	0.286	A
Alpha-BHC	ND		ug/kg	0.639	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.581	A
Heptachlor	ND		ug/kg	0.767	0.344	A
Aldrin	ND		ug/kg	1.53	0.540	A
Heptachlor epoxide	ND		ug/kg	2.88	0.863	A
Endrin	ND		ug/kg	0.639	0.262	A
Endrin aldehyde	ND		ug/kg	1.92	0.671	A
Endrin ketone	ND		ug/kg	1.53	0.395	A
Dieldrin	ND		ug/kg	0.958	0.479	A
4,4'-DDE	ND		ug/kg	1.53	0.355	A
4,4'-DDD	ND		ug/kg	1.53	0.547	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.362	A
Endosulfan II	ND		ug/kg	1.53	0.512	A
Endosulfan sulfate	ND		ug/kg	0.639	0.304	A
Methoxychlor	ND		ug/kg	2.88	0.894	A
Toxaphene	ND		ug/kg	28.8	8.05	A
cis-Chlordane	ND		ug/kg	1.92	0.534	A
trans-Chlordane	ND		ug/kg	1.92	0.506	A
Chlordane	ND		ug/kg	12.8	5.08	A

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/16/24 13:55
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 01/15/24 20:18
Cleanup Method: EPA 3620B
Cleanup Date: 01/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 01/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03,05 Batch: WG1874605-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	117		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2402229
Report Date: 01/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/16/24 09:04
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 01/16/24 03:26
Cleanup Method: EPA 3620B
Cleanup Date: 01/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 01/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 04 Batch: WG1874666-1						
Delta-BHC	ND		ug/kg	1.53	0.300	A
Lindane	ND		ug/kg	0.638	0.285	A
Alpha-BHC	ND		ug/kg	0.638	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.581	A
Heptachlor	ND		ug/kg	0.766	0.343	A
Aldrin	ND		ug/kg	1.53	0.539	A
Heptachlor epoxide	ND		ug/kg	2.87	0.862	A
Endrin	ND		ug/kg	0.638	0.262	A
Endrin aldehyde	ND		ug/kg	1.91	0.670	A
Endrin ketone	ND		ug/kg	1.53	0.394	A
Dieldrin	ND		ug/kg	0.957	0.479	A
4,4'-DDE	ND		ug/kg	1.53	0.354	A
4,4'-DDD	ND		ug/kg	1.53	0.546	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.362	A
Endosulfan II	ND		ug/kg	1.53	0.512	A
Endosulfan sulfate	ND		ug/kg	0.638	0.304	A
Methoxychlor	ND		ug/kg	2.87	0.893	A
Toxaphene	ND		ug/kg	28.7	8.04	A
cis-Chlordane	ND		ug/kg	1.91	0.534	A
trans-Chlordane	ND		ug/kg	1.91	0.505	A
Chlordane	ND		ug/kg	12.8	5.07	A

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/16/24 09:04
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 01/16/24 03:26
Cleanup Method: EPA 3620B
Cleanup Date: 01/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 01/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 04 Batch: WG1874666-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	119		30-150	B
Decachlorobiphenyl	127		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 01/18/24 08:38
Analyst: EMR

Extraction Method: EPA 8151A
Extraction Date: 01/17/24 12:00

Methylation Date: 01/18/24 06:52

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 03-05 Batch: WG1875282-1						
2,4-D	ND		ug/kg	163	10.3	A
2,4,5-T	ND		ug/kg	163	5.06	A
2,4,5-TP (Silvex)	ND		ug/kg	163	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	95		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2402229

Report Date: 01/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03,05 Batch: WG1874605-2 WG1874605-3									
Delta-BHC	89		89		30-150	0		30	A
Lindane	91		90		30-150	1		30	A
Alpha-BHC	92		90		30-150	2		30	A
Beta-BHC	97		96		30-150	1		30	A
Heptachlor	88		88		30-150	0		30	A
Aldrin	86		86		30-150	0		30	A
Heptachlor epoxide	75		72		30-150	4		30	A
Endrin	91		92		30-150	1		30	A
Endrin aldehyde	81		82		30-150	1		30	A
Endrin ketone	91		96		30-150	5		30	A
Dieldrin	93		95		30-150	2		30	A
4,4'-DDE	87		86		30-150	1		30	A
4,4'-DDD	94		96		30-150	2		30	A
4,4'-DDT	88		90		30-150	2		30	A
Endosulfan I	83		85		30-150	2		30	A
Endosulfan II	91		93		30-150	2		30	A
Endosulfan sulfate	90		92		30-150	2		30	A
Methoxychlor	97		101		30-150	4		30	A
cis-Chlordane	81		81		30-150	0		30	A
trans-Chlordane	95		93		30-150	2		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2402229
Report Date: 01/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03,05 Batch: WG1874605-2 WG1874605-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		84		30-150	A
Decachlorobiphenyl	95		100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		99		30-150	B
Decachlorobiphenyl	89		94		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2402229

Report Date: 01/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04 Batch: WG1874666-2 WG1874666-3									
Delta-BHC	101		107		30-150	6		30	A
Lindane	102		111		30-150	8		30	A
Alpha-BHC	103		114		30-150	10		30	A
Beta-BHC	121		126		30-150	4		30	A
Heptachlor	96		105		30-150	9		30	A
Aldrin	98		106		30-150	8		30	A
Heptachlor epoxide	79		84		30-150	6		30	A
Endrin	101		107		30-150	6		30	A
Endrin aldehyde	94		103		30-150	9		30	A
Endrin ketone	107		115		30-150	7		30	A
Dieldrin	107		114		30-150	6		30	A
4,4'-DDE	98		104		30-150	6		30	A
4,4'-DDD	106		112		30-150	6		30	A
4,4'-DDT	98		104		30-150	6		30	A
Endosulfan I	96		103		30-150	7		30	A
Endosulfan II	102		108		30-150	6		30	A
Endosulfan sulfate	98		105		30-150	7		30	A
Methoxychlor	95		103		30-150	8		30	A
cis-Chlordane	93		98		30-150	5		30	A
trans-Chlordane	98		104		30-150	6		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2402229

Report Date: 01/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 04 Batch: WG1874666-2 WG1874666-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		92		30-150	A
Decachlorobiphenyl	93		98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	114		128		30-150	B
Decachlorobiphenyl	123		130		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2402229

Report Date: 01/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 03-05 Batch: WG1875282-2 WG1875282-3									
2,4-D	98		94		30-150	4		30	A
2,4,5-T	103		98		30-150	5		30	A
2,4,5-TP (Silvex)	106		100		30-150	6		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	93		89		30-150	A
DCAA	113		105		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-01
Client ID: TP-3 2-4
Sample Location: BUFFALO, NY
Date Collected: 01/11/24 11:40
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6740		mg/kg	8.86	2.39	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.43	0.337	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.69		mg/kg	0.886	0.184	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Barium, Total	69.6		mg/kg	0.886	0.154	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.364	J	mg/kg	0.443	0.029	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.886	0.087	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Calcium, Total	64200		mg/kg	8.86	3.10	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Chromium, Total	12.3		mg/kg	0.886	0.085	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.45		mg/kg	1.77	0.147	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Copper, Total	12.9		mg/kg	0.886	0.228	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Iron, Total	13800		mg/kg	4.43	0.800	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Lead, Total	15.4		mg/kg	4.43	0.237	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Magnesium, Total	26300		mg/kg	8.86	1.36	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Manganese, Total	394		mg/kg	0.886	0.141	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.081	0.053	1	01/15/24 22:36	01/16/24 21:55	EPA 7471B	1,7471B	MJR
Nickel, Total	15.1		mg/kg	2.21	0.214	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Potassium, Total	1100		mg/kg	221	12.8	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.77	0.228	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.443	0.251	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Sodium, Total	225		mg/kg	177	2.79	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.77	0.279	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Vanadium, Total	16.8		mg/kg	0.886	0.180	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF
Zinc, Total	68.9		mg/kg	4.43	0.260	2	01/15/24 21:18	01/16/24 19:32	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-02
Client ID: TP-4 1-2
Sample Location: BUFFALO, NY
Date Collected: 01/11/24 13:00
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 66%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9480		mg/kg	11.8	3.20	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Antimony, Total	1.49	J	mg/kg	5.92	0.450	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Arsenic, Total	6.31		mg/kg	1.18	0.246	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Barium, Total	96.6		mg/kg	1.18	0.206	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.561	J	mg/kg	0.592	0.039	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Cadmium, Total	1.16	J	mg/kg	1.18	0.116	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Calcium, Total	41100		mg/kg	11.8	4.14	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Chromium, Total	25.0		mg/kg	1.18	0.114	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.29		mg/kg	2.37	0.196	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Copper, Total	37.4		mg/kg	1.18	0.305	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Iron, Total	13900		mg/kg	5.92	1.07	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Lead, Total	391		mg/kg	5.92	0.317	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Magnesium, Total	10600		mg/kg	11.8	1.82	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Manganese, Total	300		mg/kg	1.18	0.188	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Mercury, Total	1.22		mg/kg	0.103	0.067	1	01/15/24 22:36	01/16/24 22:15	EPA 7471B	1,7471B	MJR
Nickel, Total	20.7		mg/kg	2.96	0.286	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Potassium, Total	1270		mg/kg	296	17.0	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	2.37	0.305	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.592	0.335	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Sodium, Total	691		mg/kg	237	3.73	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	2.37	0.373	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Vanadium, Total	20.0		mg/kg	1.18	0.240	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF
Zinc, Total	339		mg/kg	5.92	0.347	2	01/15/24 21:18	01/16/24 19:19	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-03
Client ID: TP-20-SS 0-1
Sample Location: BUFFALO, NY
Date Collected: 01/11/24 11:10
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6590		mg/kg	9.70	2.62	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Antimony, Total	2.71	J	mg/kg	4.85	0.369	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Arsenic, Total	15.6		mg/kg	0.970	0.202	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Barium, Total	160		mg/kg	0.970	0.169	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.395	J	mg/kg	0.485	0.032	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Cadmium, Total	1.84		mg/kg	0.970	0.095	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Calcium, Total	22500		mg/kg	9.70	3.40	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Chromium, Total	13.9		mg/kg	0.970	0.093	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.55		mg/kg	1.94	0.161	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Copper, Total	78.4		mg/kg	0.970	0.250	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Iron, Total	18500		mg/kg	4.85	0.876	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Lead, Total	420		mg/kg	4.85	0.260	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Magnesium, Total	8080		mg/kg	9.70	1.49	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Manganese, Total	259		mg/kg	0.970	0.154	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Mercury, Total	0.312		mg/kg	0.077	0.050	1	01/15/24 22:36	01/16/24 22:19	EPA 7471B	1,7471B	MJR
Nickel, Total	15.1		mg/kg	2.42	0.235	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Potassium, Total	748		mg/kg	242	14.0	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Selenium, Total	0.862	J	mg/kg	1.94	0.250	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.485	0.274	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Sodium, Total	98.1	J	mg/kg	194	3.06	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.94	0.306	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Vanadium, Total	17.8		mg/kg	0.970	0.197	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF
Zinc, Total	543		mg/kg	4.85	0.284	2	01/15/24 21:18	01/16/24 19:23	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-05
Client ID: TP-20 4-6
Sample Location: BUFFALO, NY
Date Collected: 01/11/24 11:20
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5810		mg/kg	9.31	2.51	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.66	0.354	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Arsenic, Total	5.42		mg/kg	0.931	0.194	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Barium, Total	74.0		mg/kg	0.931	0.162	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.331	J	mg/kg	0.466	0.031	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.120	J	mg/kg	0.931	0.091	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Calcium, Total	69700		mg/kg	9.31	3.26	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Chromium, Total	10.5		mg/kg	0.931	0.089	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.67		mg/kg	1.86	0.154	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Copper, Total	13.4		mg/kg	0.931	0.240	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Iron, Total	12900		mg/kg	4.66	0.841	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Lead, Total	21.1		mg/kg	4.66	0.250	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Magnesium, Total	32500		mg/kg	9.31	1.43	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Manganese, Total	546		mg/kg	0.931	0.148	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.075	0.049	1	01/15/24 22:36	01/16/24 22:22	EPA 7471B	1,7471B	MJR
Nickel, Total	16.3		mg/kg	2.33	0.225	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Potassium, Total	1080		mg/kg	233	13.4	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.86	0.240	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.466	0.264	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Sodium, Total	146	J	mg/kg	186	2.93	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.86	0.293	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Vanadium, Total	15.9		mg/kg	0.931	0.189	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF
Zinc, Total	71.7		mg/kg	4.66	0.273	2	01/15/24 21:18	01/16/24 19:28	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2402229

Project Number: 4461.0001B002 **Report Date:** 01/19/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03,05 Batch: WG1874464-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Chromium, Total	0.109	J	mg/kg	0.400	0.038	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Iron, Total	1.26	J	mg/kg	2.00	0.361	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	01/15/24 21:18	01/16/24 19:10	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03,05 Batch: WG1874465-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	01/15/24 22:36	01/16/24 21:49	1,7471B	MJR

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2402229
Report Date: 01/19/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2402229

Report Date: 01/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 Batch: WG1874464-2 SRM Lot Number: D122-540								
Aluminum, Total	76		-		52-148	-		
Antimony, Total	148		-		6-194	-		
Arsenic, Total	110		-		81-119	-		
Barium, Total	102		-		83-117	-		
Beryllium, Total	100		-		83-117	-		
Cadmium, Total	106		-		83-117	-		
Calcium, Total	100		-		83-117	-		
Chromium, Total	106		-		82-118	-		
Cobalt, Total	111		-		84-117	-		
Copper, Total	97		-		84-116	-		
Iron, Total	89		-		65-135	-		
Lead, Total	112		-		83-117	-		
Magnesium, Total	92		-		80-120	-		
Manganese, Total	98		-		82-118	-		
Nickel, Total	110		-		83-117	-		
Potassium, Total	86		-		76-123	-		
Selenium, Total	106		-		81-119	-		
Silver, Total	107		-		80-120	-		
Sodium, Total	104		-		75-125	-		
Thallium, Total	109		-		81-119	-		
Vanadium, Total	99		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2402229

Report Date: 01/19/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 Batch: WG1874464-2 SRM Lot Number: D122-540					
Zinc, Total	106	-	82-119	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 Batch: WG1874465-2 SRM Lot Number: D122-540					
Mercury, Total	95	-	73-127	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2402229
Report Date: 01/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1874464-3 QC Sample: L2402229-01 Client ID: TP-3 2-4												
Aluminum, Total	6740	181	7880	**629**	Q	-	-		75-125	-		20
Antimony, Total	ND	45.3	47.3	104		-	-		75-125	-		20
Arsenic, Total	4.69	10.9	18.4	**126**	Q	-	-		75-125	-		20
Barium, Total	69.6	181	260	105		-	-		75-125	-		20
Beryllium, Total	0.364J	4.53	4.60	102		-	-		75-125	-		20
Cadmium, Total	ND	4.8	4.97	103		-	-		75-125	-		20
Calcium, Total	64200	906	62600	**0**	Q	-	-		75-125	-		20
Chromium, Total	12.3	18.1	30.7	102		-	-		75-125	-		20
Cobalt, Total	7.45	45.3	54.8	104		-	-		75-125	-		20
Copper, Total	12.9	22.6	32.8	88		-	-		75-125	-		20
Iron, Total	13800	90.6	14500	**772**	Q	-	-		75-125	-		20
Lead, Total	15.4	48	72.1	118		-	-		75-125	-		20
Magnesium, Total	26300	906	26000	**0**	Q	-	-		75-125	-		20
Manganese, Total	394	45.3	446	115		-	-		75-125	-		20
Nickel, Total	15.1	45.3	60.3	100		-	-		75-125	-		20
Potassium, Total	1100	906	2460	**150**	Q	-	-		75-125	-		20
Selenium, Total	ND	10.9	11.6	107		-	-		75-125	-		20
Silver, Total	ND	4.53	4.57	101		-	-		75-125	-		20
Sodium, Total	225	906	1300	119		-	-		75-125	-		20
Thallium, Total	ND	10.9	11.6	107		-	-		75-125	-		20
Vanadium, Total	16.8	45.3	60.8	97		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2402229
Report Date: 01/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1874464-3 QC Sample: L2402229-01 Client ID: TP-3 2-4									
Zinc, Total	68.9	45.3	108	86	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1874465-3 QC Sample: L2402229-01 Client ID: TP-3 2-4									
Mercury, Total	ND	1.5	1.46	97	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2402229
Report Date: 01/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1874464-4 QC Sample: L2402229-01 Client ID: TP-3 2-4						
Aluminum, Total	6740	6860	mg/kg	2		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	4.69	4.38	mg/kg	7		20
Barium, Total	69.6	64.3	mg/kg	8		20
Beryllium, Total	0.364J	0.368J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	64200	63200	mg/kg	2		20
Chromium, Total	12.3	12.5	mg/kg	2		20
Cobalt, Total	7.45	7.34	mg/kg	1		20
Copper, Total	12.9	13.5	mg/kg	5		20
Iron, Total	13800	13800	mg/kg	0		20
Lead, Total	15.4	18.6	mg/kg	19		20
Magnesium, Total	26300	25900	mg/kg	2		20
Manganese, Total	394	395	mg/kg	0		20
Nickel, Total	15.1	15.5	mg/kg	3		20
Potassium, Total	1100	1090	mg/kg	1		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	225	230	mg/kg	2		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2402229

Report Date: 01/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1874464-4 QC Sample: L2402229-01 Client ID: TP-3 2-4					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	16.8	17.0	mg/kg	1	20
Zinc, Total	68.9	68.3	mg/kg	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1874465-4 QC Sample: L2402229-01 Client ID: TP-3 2-4					
Mercury, Total	ND	ND	mg/kg	NC	20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2402229
Report Date: 01/19/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1874464-6 QC Sample: L2402229-01 Client ID: TP-3 2-4						
Aluminum, Total	6740	7170	mg/kg	6		20
Barium, Total	69.6	74.7	mg/kg	7		20
Calcium, Total	64200	70800	mg/kg	10		20
Iron, Total	13800	15300	mg/kg	11		20
Magnesium, Total	26300	27900	mg/kg	6		20
Manganese, Total	394	440	mg/kg	12		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-01
Client ID: TP-3 2-4
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:40
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	01/16/24 08:23	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-02
Client ID: TP-4 1-2
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 13:00
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	66.0		%	0.100	NA	1	-	01/16/24 08:23	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-03
Client ID: TP-20-SS 0-1
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:10
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.6		%	0.100	NA	1	-	01/16/24 08:23	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-04
Client ID: TP-20 1-3
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:15
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.7		%	0.100	NA	1	-	01/16/24 08:23	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2402229
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2402229-05
Client ID: TP-20 4-6
Sample Location: BUFFALO, NY

Date Collected: 01/11/24 11:20
Date Received: 01/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	01/16/24 08:23	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2402229

Report Date: 01/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1874726-1 QC Sample: L2402312-01 Client ID: DUP Sample						
Solids, Total	88.7	88.7	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2402229
Report Date: 01/19/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2402229-01A	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)
L2402229-01B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2402229-01C	Glass 250ml/8oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2402229-02A	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7)
L2402229-02B	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2402229-03A	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)
L2402229-03B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2402229-03C	Glass 500ml/16oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2402229-03D	Plastic 8oz unpreserved	A	NA		3.7	Y	Absent		A2-1633-DRAFT(90)
L2402229-04A	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)
L2402229-04B	Glass 250ml/8oz unpreserved	A	NA		3.7	Y	Absent		HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2402229-04C	Plastic 8oz unpreserved	A	NA		3.7	Y	Absent		A2-1633-DRAFT(90)
L2402229-05A	Plastic 2oz unpreserved for TS	A	NA		3.7	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2402229
Report Date: 01/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2402229-05B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2402229-05C	Glass 500ml/16oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2402229-05D	Plastic 8oz unpreserved	A	NA		3.7	Y	Absent		A2-1633-DRAFT(90)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2402229
Report Date: 01/19/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2402229
Report Date: 01/19/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2402229
Project Number:	4461.0001B002	**Report Date:**	01/19/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2402229
Project Number:	4461.0001B002	**Report Date:**	01/19/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2402229
Project Number:	4461.0001B002	**Report Date:**	01/19/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2402229
Project Number:	4461.0001B002	**Report Date:**	01/19/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 1/13/24

ALPHA Job #: L2402229

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: Amunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project # 0546-023-002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs + TICs 8270	TAL Metals	PCBs	Pests	Herbs	PFAS			Total Bottle	Sample Specific Comments
02229-01	TP-3 2-4	1-11-24	1140	Soil	CEH	X	X	X							
02	TP-4 1-2	1-11-24	1300	↓	↓	X	X								
03	TP-20-SS 0-1	1-11-24	1110			X	X	X	X	X	X				
04	TP-20 1-3	1-11-24	1115					X	X	X	X				
05	TP-20 4-6	1-11-24	1120			X	X	X	X	X	X				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type															
Preservative															

Relinquished By:	Date/Time	Received By:	Date/Time
Cherie Hartmeister	1-11-24 / 1530	FedEx PA	1/12/24 1545
FedEx PA	1/12/24 1600	Mavenned	1/13/24 0830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

ANALYTICAL REPORT

Lab Number:	L2411889
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	03/12/24

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

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

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411889
Report Date: 03/12/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2411889-01	TP-20 2-3	SOIL	BUFFALO, NY	03/05/24 08:00	03/05/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411889
Project Number:	4461.0001B002	**Report Date:**	03/12/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411889
Project Number:	4461.0001B002	**Report Date:**	03/12/24

Case Narrative (continued)

Report Submission

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

Total Metals

L2411889-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 03/12/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Lab Number: L2411889
Project Number: 4461.0001B002
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2411889-01 D2
Client ID: TP-20 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 08:00
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/12/24 16:06
Analyst: JG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	200000		ug/kg	5900	1100	50
Benzo(b)fluoranthene	100000		ug/kg	5900	1700	50
Phenanthrene	160000		ug/kg	5900	1200	50
Pyrene	160000		ug/kg	5900	980	50

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411889
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2411889-01 D
Client ID: TP-20 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 08:00
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/12/24 12:28
Analyst: JG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	16000		ug/kg	1600	200	10
Hexachlorobenzene	ND		ug/kg	1200	220	10
Bis(2-chloroethyl)ether	ND		ug/kg	1800	270	10
2-Chloronaphthalene	ND		ug/kg	2000	200	10
3,3'-Dichlorobenzidine	ND		ug/kg	2000	520	10
2,4-Dinitrotoluene	ND		ug/kg	2000	390	10
2,6-Dinitrotoluene	ND		ug/kg	2000	340	10
Fluoranthene	130000	E	ug/kg	1200	230	10
4-Chlorophenyl phenyl ether	ND		ug/kg	2000	210	10
4-Bromophenyl phenyl ether	ND		ug/kg	2000	300	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2400	340	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2100	200	10
Hexachlorobutadiene	ND		ug/kg	2000	290	10
Hexachlorocyclopentadiene	ND		ug/kg	5600	1800	10
Hexachloroethane	ND		ug/kg	1600	320	10
Isophorone	ND		ug/kg	1800	260	10
Naphthalene	24000		ug/kg	2000	240	10
Nitrobenzene	ND		ug/kg	1800	290	10
NDPA/DPA	ND		ug/kg	1600	220	10
n-Nitrosodi-n-propylamine	ND		ug/kg	2000	300	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	2000	680	10
Butyl benzyl phthalate	ND		ug/kg	2000	500	10
Di-n-butylphthalate	ND		ug/kg	2000	370	10
Di-n-octylphthalate	ND		ug/kg	2000	670	10
Diethyl phthalate	ND		ug/kg	2000	180	10
Dimethyl phthalate	ND		ug/kg	2000	410	10
Benzo(a)anthracene	71000		ug/kg	1200	220	10
Benzo(a)pyrene	69000		ug/kg	1600	480	10

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411889

Project Number: 4461.0001B002 **Report Date:** 03/12/24

SAMPLE RESULTS

Lab ID: L2411889-01 D
Client ID: TP-20 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 08:00
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	97000	E	ug/kg	1200	330	10
Benzo(k)fluoranthene	21000		ug/kg	1200	320	10
Chrysene	67000		ug/kg	1200	200	10
Acenaphthylene	6200		ug/kg	1600	300	10
Anthracene	31000		ug/kg	1200	380	10
Benzo(ghi)perylene	43000		ug/kg	1600	230	10
Fluorene	16000		ug/kg	2000	190	10
Phenanthrene	110000	E	ug/kg	1200	240	10
Dibenzo(a,h)anthracene	10000		ug/kg	1200	230	10
Indeno(1,2,3-cd)pyrene	46000		ug/kg	1600	280	10
Pyrene	110000	E	ug/kg	1200	200	10
Biphenyl	1800	J	ug/kg	4500	260	10
4-Chloroaniline	ND		ug/kg	2000	360	10
2-Nitroaniline	ND		ug/kg	2000	380	10
3-Nitroaniline	ND		ug/kg	2000	370	10
4-Nitroaniline	ND		ug/kg	2000	820	10
Dibenzofuran	12000		ug/kg	2000	190	10
2-Methylnaphthalene	7200		ug/kg	2400	240	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	2000	210	10
Acetophenone	ND		ug/kg	2000	240	10
2,4,6-Trichlorophenol	ND		ug/kg	1200	370	10
p-Chloro-m-cresol	ND		ug/kg	2000	290	10
2-Chlorophenol	ND		ug/kg	2000	230	10
2,4-Dichlorophenol	ND		ug/kg	1800	320	10
2,4-Dimethylphenol	ND		ug/kg	2000	650	10
2-Nitrophenol	ND		ug/kg	4300	740	10
4-Nitrophenol	ND		ug/kg	2800	800	10
2,4-Dinitrophenol	ND		ug/kg	9500	920	10
4,6-Dinitro-o-cresol	ND		ug/kg	5100	950	10
Pentachlorophenol	ND		ug/kg	1600	430	10
Phenol	1100	J	ug/kg	2000	300	10
2-Methylphenol	490	J	ug/kg	2000	310	10
3-Methylphenol/4-Methylphenol	1700	J	ug/kg	2800	310	10
2,4,5-Trichlorophenol	ND		ug/kg	2000	380	10
Carbazole	21000		ug/kg	2000	190	10
Atrazine	ND		ug/kg	1600	690	10
Benzaldehyde	ND		ug/kg	2600	530	10

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411889

Project Number: 4461.0001B002 **Report Date:** 03/12/24

SAMPLE RESULTS

Lab ID: L2411889-01 D
Client ID: TP-20 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 08:00
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	2000	600	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	2000	400	10
Tentatively Identified Compounds						
Total TIC Compounds	206000	J	ug/kg			10
Unknown PAH	47200	J	ug/kg			10
Unknown	6040	J	ug/kg			10
Unknown PAH	20200	J	ug/kg			10
Unknown PAH	15700	J	ug/kg			10
Unknown	5290	J	ug/kg			10
Unknown PAH	9700	J	ug/kg			10
Unknown	11200	J	ug/kg			10
Unknown Ketone	7420	J	ug/kg			10
Unknown	5340	J	ug/kg			10
Unknown PAH	4980	J	ug/kg			10
Unknown PAH	10600	J	ug/kg			10
Unknown PAH	15700	J	ug/kg			10
Unknown PAH	19300	J	ug/kg			10
Unknown	8800	J	ug/kg			10
Unknown PAH	18600	J	ug/kg			10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		25-120
Phenol-d6	51		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	64		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411889
Report Date: 03/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/10/24 16:01
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1893760-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411889

Project Number: 4461.0001B002 **Report Date:** 03/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/10/24 16:01
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1893760-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411889
Report Date: 03/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/10/24 16:01
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1893760-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	72		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411889

Report Date: 03/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1893760-2 WG1893760-3								
Acenaphthene	58		63		31-137	8		50
Hexachlorobenzene	57		62		40-140	8		50
Bis(2-chloroethyl)ether	60		64		40-140	6		50
2-Chloronaphthalene	54		59		40-140	9		50
3,3'-Dichlorobenzidine	50		56		40-140	11		50
2,4-Dinitrotoluene	58		62		40-132	7		50
2,6-Dinitrotoluene	61		66		40-140	8		50
Fluoranthene	61		66		40-140	8		50
4-Chlorophenyl phenyl ether	58		64		40-140	10		50
4-Bromophenyl phenyl ether	59		64		40-140	8		50
Bis(2-chloroisopropyl)ether	58		61		40-140	5		50
Bis(2-chloroethoxy)methane	60		64		40-117	6		50
Hexachlorobutadiene	57		61		40-140	7		50
Hexachlorocyclopentadiene	64		72		40-140	12		50
Hexachloroethane	58		61		40-140	5		50
Isophorone	58		63		40-140	8		50
Naphthalene	56		60		40-140	7		50
Nitrobenzene	62		67		40-140	8		50
NDPA/DPA	58		62		36-157	7		50
n-Nitrosodi-n-propylamine	58		64		32-121	10		50
Bis(2-ethylhexyl)phthalate	57		60		40-140	5		50
Butyl benzyl phthalate	65		70		40-140	7		50
Di-n-butylphthalate	66		71		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411889

Report Date: 03/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1893760-2 WG1893760-3								
Di-n-octylphthalate	57		60		40-140	5		50
Diethyl phthalate	60		65		40-140	8		50
Dimethyl phthalate	54		59		40-140	9		50
Benzo(a)anthracene	60		64		40-140	6		50
Benzo(a)pyrene	63		67		40-140	6		50
Benzo(b)fluoranthene	62		66		40-140	6		50
Benzo(k)fluoranthene	60		64		40-140	6		50
Chrysene	59		63		40-140	7		50
Acenaphthylene	54		58		40-140	7		50
Anthracene	58		65		40-140	11		50
Benzo(ghi)perylene	60		65		40-140	8		50
Fluorene	57		62		40-140	8		50
Phenanthrene	56		62		40-140	10		50
Dibenzo(a,h)anthracene	61		66		40-140	8		50
Indeno(1,2,3-cd)pyrene	61		66		40-140	8		50
Pyrene	61		66		35-142	8		50
Biphenyl	54		58		37-127	7		50
4-Chloroaniline	52		46		40-140	12		50
2-Nitroaniline	61		67		47-134	9		50
3-Nitroaniline	54		60		26-129	11		50
4-Nitroaniline	62		68		41-125	9		50
Dibenzofuran	56		61		40-140	9		50
2-Methylnaphthalene	56		61		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411889

Report Date: 03/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1893760-2 WG1893760-3								
1,2,4,5-Tetrachlorobenzene	55		60		40-117	9		50
Acetophenone	62		66		14-144	6		50
2,4,6-Trichlorophenol	60		65		30-130	8		50
p-Chloro-m-cresol	60		66		26-103	10		50
2-Chlorophenol	63		68		25-102	8		50
2,4-Dichlorophenol	61		65		30-130	6		50
2,4-Dimethylphenol	73		78		30-130	7		50
2-Nitrophenol	70		76		30-130	8		50
4-Nitrophenol	60		66		11-114	10		50
2,4-Dinitrophenol	46		50		4-130	8		50
4,6-Dinitro-o-cresol	65		69		10-130	6		50
Pentachlorophenol	57		62		17-109	8		50
Phenol	61		68		26-90	11		50
2-Methylphenol	63		69		30-130.	9		50
3-Methylphenol/4-Methylphenol	64		69		30-130	8		50
2,4,5-Trichlorophenol	59		64		30-130	8		50
Carbazole	59		65		54-128	10		50
Atrazine	62		66		40-140	6		50
Benzaldehyde	54		57		40-140	5		50
Caprolactam	58		65		15-130	11		50
2,3,4,6-Tetrachlorophenol	63		67		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411889

Report Date: 03/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1893760-2 WG1893760-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		69		25-120
Phenol-d6	62		68		10-120
Nitrobenzene-d5	61		65		23-120
2-Fluorobiphenyl	54		57		30-120
2,4,6-Tribromophenol	59		63		10-136
4-Terphenyl-d14	60		64		18-120

METALS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411889

Project Number: 4461.0001B002 **Report Date:** 03/12/24

SAMPLE RESULTS

Lab ID: L2411889-01 Date Collected: 03/05/24 08:00

Client ID: TP-20 2-3 Date Received: 03/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	14300		mg/kg	23.4	6.33	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	11.7	0.890	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Arsenic, Total	11.1		mg/kg	2.34	0.487	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Barium, Total	173		mg/kg	2.34	0.408	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.706	J	mg/kg	1.17	0.077	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.714	J	mg/kg	2.34	0.230	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Calcium, Total	28900		mg/kg	23.4	8.20	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Chromium, Total	20.5		mg/kg	2.34	0.225	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Cobalt, Total	9.58		mg/kg	4.69	0.389	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Copper, Total	50.8		mg/kg	2.34	0.604	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Iron, Total	27400		mg/kg	11.7	2.12	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Lead, Total	171		mg/kg	11.7	0.628	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Magnesium, Total	13300		mg/kg	23.4	3.61	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Manganese, Total	649		mg/kg	2.34	0.372	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Mercury, Total	0.138		mg/kg	0.077	0.050	1	03/12/24 10:40	03/12/24 12:57	EPA 7471B	1,7471B	GMG
Nickel, Total	24.9		mg/kg	5.86	0.567	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Potassium, Total	1540		mg/kg	586	33.7	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	4.69	0.604	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Silver, Total	0.802	J	mg/kg	1.17	0.663	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Sodium, Total	291	J	mg/kg	469	7.38	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	4.69	0.738	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Vanadium, Total	29.1		mg/kg	2.34	0.476	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF
Zinc, Total	235		mg/kg	11.7	0.686	5	03/12/24 09:30	03/12/24 13:21	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411889

Project Number: 4461.0001B002 **Report Date:** 03/12/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1894902-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/12/24 10:40	03/12/24 12:24	1,7471B	GMG

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1894943-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Arsenic, Total	0.182	J	mg/kg	0.400	0.083	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Iron, Total	1.12	J	mg/kg	2.00	0.361	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	03/12/24 09:30	03/12/24 12:24	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411889
Report Date: 03/12/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411889

Report Date: 03/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1894902-2 SRM Lot Number: D123-540								
Mercury, Total	97		-		67-132	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411889

Report Date: 03/12/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1894943-2 SRM Lot Number: D123-540					
Aluminum, Total	64	-	53-147	-	
Antimony, Total	165	-	2-201	-	
Arsenic, Total	97	-	82-118	-	
Barium, Total	103	-	82-118	-	
Beryllium, Total	101	-	83-117	-	
Cadmium, Total	98	-	83-118	-	
Calcium, Total	100	-	82-118	-	
Chromium, Total	99	-	81-118	-	
Cobalt, Total	101	-	83-117	-	
Copper, Total	102	-	83-117	-	
Iron, Total	86	-	58-142	-	
Lead, Total	101	-	82-119	-	
Magnesium, Total	86	-	75-124	-	
Manganese, Total	100	-	81-119	-	
Nickel, Total	103	-	82-118	-	
Potassium, Total	77	-	72-128	-	
Selenium, Total	98	-	81-119	-	
Silver, Total	103	-	79-120	-	
Sodium, Total	103	-	74-126	-	
Thallium, Total	100	-	81-120	-	
Vanadium, Total	98	-	78-122	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411889

Report Date: 03/12/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1894943-2 SRM Lot Number: D123-540					
Zinc, Total	97	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411889
Report Date: 03/12/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1894902-3 QC Sample: L2412692-01 Client ID: MS Sample												
Mercury, Total	ND	1.38	1.37	99		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411889
Report Date: 03/12/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1894943-3 WG1894943-4 QC Sample: L2413179-01 Client ID: MS Sample											
Aluminum, Total	5560	195	4640	**0**	Q	5270	**0**	Q	75-125	13	20
Antimony, Total	ND	48.7	48.7	100		48.1	99		75-125	1	20
Arsenic, Total	4.33	11.7	15.4	95		14.4	86		75-125	7	20
Barium, Total	26.1	195	222	100		232	106		75-125	4	20
Beryllium, Total	0.451J	4.87	5.36	110		5.37	110		75-125	0	20
Cadmium, Total	ND	5.16	4.71	91		4.73	92		75-125	0	20
Calcium, Total	669	974	1630	99		1670	103		75-125	2	20
Chromium, Total	11.8	19.5	31.4	101		30.1	94		75-125	4	20
Cobalt, Total	6.83	48.7	52.6	94		52.8	94		75-125	0	20
Copper, Total	10.1	24.3	34.0	98		33.5	96		75-125	1	20
Iron, Total	13700	97.4	13800	103		11900	**0**	Q	75-125	15	20
Lead, Total	5.74J	51.6	55.6	108		55.0	106		75-125	1	20
Magnesium, Total	2970	974	2740	**0**	Q	3350	**39**	Q	75-125	20	20
Manganese, Total	351	48.7	418	**138**	Q	380	**60**	Q	75-125	10	20
Nickel, Total	26.7	48.7	71.0	91		70.3	89		75-125	1	20
Potassium, Total	632	974	1460	85		1630	102		75-125	11	20
Selenium, Total	ND	11.7	10.5	90		10.5	90		75-125	0	20
Silver, Total	ND	4.87	5.12	105		5.13	105		75-125	0	20
Sodium, Total	69.2J	974	1080	111		1100	113		75-125	2	20
Thallium, Total	ND	11.7	11.2	96		11.5	98		75-125	3	20
Vanadium, Total	23.6	48.7	68.6	92		72.6	100		75-125	6	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411889
Report Date: 03/12/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1894943-3 WG1894943-4 QC Sample: L2413179-01 Client ID: MS Sample										
Zinc, Total	34.7	48.7	70.4	**73**	Q	75.9	84	75-125	8	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411889

Report Date: 03/12/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1894902-4 QC Sample: L2412692-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411889
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2411889-01
Client ID: TP-20 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 08:00
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.9		%	0.100	NA	1	-	03/06/24 07:32	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411889

Report Date: 03/12/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1892713-1 QC Sample: L2411880-03 Client ID: DUP Sample						
Solids, Total	84.9	84.6	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411889
Report Date: 03/12/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2411889-01A	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2411889-01B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411889
Project Number:	4461.0001B002	**Report Date:**	03/12/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411889
Project Number:	4461.0001B002	**Report Date:**	03/12/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411889
Project Number:	4461.0001B002	**Report Date:**	03/12/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411889
Project Number:	4461.0001B002	**Report Date:**	03/12/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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TEL: 508-898-9220
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320 Forbes Blvd
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FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 03/06/24

ALPHA Job #: L2411889

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: mmuley@roxinf.com

Project Information

Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPH/Quote #:

Turn-Around Time

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

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP 51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT B

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs + TICs	TAL Metals	[illegible]	[illegible]	[illegible]	[illegible]	Total Bottle
11889-01	TP-20 2-3	3-5-24	0800	Soil	CEH	X	X	[illegible]	[illegible]	[illegible]	[illegible]	2

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	A	A										
Preservative	A	A										

Relinquished By:	Date/Time	Received By:	Date/Time
Charity Habeeb	3-5-24 / 4:15	[signature]	3-5-24 4:15
[signature]	3-5-24 / 16:49	[signature]	3/6/24 0210

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2412775
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	03/15/24

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2412775
Report Date: 03/15/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2412775-01	TP-18 2-3	SOIL	BUFFALO, NY	03/07/24 09:30	03/08/24
L2412775-02	TP-19 3-4	SOIL	BUFFALO, NY	03/07/24 10:15	03/08/24
L2412775-03	TP-22 1-2	SOIL	BUFFALO, NY	03/07/24 11:00	03/08/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2412775
Project Number:	4461.0001B002	**Report Date:**	03/15/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2412775
Project Number:	4461.0001B002	**Report Date:**	03/15/24

Case Narrative (continued)

Report Submission

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

Volatile Organics

The WG1896342-5 Method Blank, associated with L2412775-03, has a concentration above the reporting limit for bromomethane. Since the associated sample concentration is either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any result detected below the reporting limit is qualified with a "B".

Total Metals

L2412775-01 through -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 03/15/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2412775
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-03
Client ID: TP-22 1-2
Sample Location: BUFFALO, NY

Date Collected: 03/07/24 11:00
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/14/24 11:56
Analyst: LAC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2412775

Project Number: 4461.0001B002 **Report Date:** 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-03 Date Collected: 03/07/24 11:00

Client ID: TP-22 1-2 Date Received: 03/08/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	0.75	J	ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	56		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	10	J	ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Cyclohexane	1.2	J	ug/kg	12	0.67	1
1,4-Dioxane	ND		ug/kg	99	43.	1
Freon-113	ND		ug/kg	4.9	0.86	1
Methyl cyclohexane	ND		ug/kg	4.9	0.74	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2412775

Project Number: 4461.0001B002 **Report Date:** 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-03 Date Collected: 03/07/24 11:00

Client ID: TP-22 1-2 Date Received: 03/08/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	44.8	J	ug/kg			1
n-Hexane	5.05	NJ	ug/kg			1
Unknown	18.4	J	ug/kg			1
Pentane, 2-methyl-	3.10	NJ	ug/kg			1
Unknown	4.09	J	ug/kg			1
Unknown Alkane	3.19	J	ug/kg			1
Unknown	4.79	J	ug/kg			1
Pentane	2.52	NJ	ug/kg			1
Unknown Alkane	3.70	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	120		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2412775

Project Number: 4461.0001B002 **Report Date:** 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/14/24 09:39
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG1896342-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	2.4		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2412775

Project Number: 4461.0001B002 **Report Date:** 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/14/24 09:39
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG1896342-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Tentatively Identified Compounds

Total TIC Compounds	21.5	J	ug/kg
Unknown	14.6	J	ug/kg

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2412775

Project Number: 4461.0001B002 **Report Date:** 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/14/24 09:39
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG1896342-5					
Tentatively Identified Compounds					
Unknown	6.90	J	ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	109		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2412775

Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1896342-3 WG1896342-4								
Methylene chloride	93		96		70-130	3		30
1,1-Dichloroethane	87		91		70-130	4		30
Chloroform	91		94		70-130	3		30
Carbon tetrachloride	100		104		70-130	4		30
1,2-Dichloropropane	89		91		70-130	2		30
Dibromochloromethane	101		108		70-130	7		30
1,1,2-Trichloroethane	89		93		70-130	4		30
Tetrachloroethene	105		111		70-130	6		30
Chlorobenzene	94		104		70-130	10		30
Trichlorofluoromethane	105		112		70-139	6		30
1,2-Dichloroethane	90		91		70-130	1		30
1,1,1-Trichloroethane	99		103		70-130	4		30
Bromodichloromethane	96		96		70-130	0		30
trans-1,3-Dichloropropene	88		93		70-130	6		30
cis-1,3-Dichloropropene	93		96		70-130	3		30
Bromoform	95		103		70-130	8		30
1,1,2,2-Tetrachloroethane	83		87		70-130	5		30
Benzene	88		91		70-130	3		30
Toluene	84		93		70-130	10		30
Ethylbenzene	92		99		70-130	7		30
Chloromethane	83		87		52-130	5		30
Bromomethane	112		115		57-147	3		30
Vinyl chloride	101		106		67-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2412775

Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1896342-3 WG1896342-4								
Chloroethane	111		117		50-151	5		30
1,1-Dichloroethene	103		110		65-135	7		30
trans-1,2-Dichloroethene	103		109		70-130	6		30
Trichloroethene	95		100		70-130	5		30
1,2-Dichlorobenzene	101		106		70-130	5		30
1,3-Dichlorobenzene	102		107		70-130	5		30
1,4-Dichlorobenzene	100		107		70-130	7		30
Methyl tert butyl ether	94		96		66-130	2		30
p/m-Xylene	88		96		70-130	9		30
o-Xylene	88		95		70-130	8		30
cis-1,2-Dichloroethene	95		97		70-130	2		30
Styrene	89		98		70-130	10		30
Dichlorodifluoromethane	70		74		30-146	6		30
Acetone	85		87		54-140	2		30
Carbon disulfide	91		98		59-130	7		30
2-Butanone	80		85		70-130	6		30
4-Methyl-2-pentanone	80		82		70-130	2		30
2-Hexanone	71		76		70-130	7		30
Bromochloromethane	106		107		70-130	1		30
1,2-Dibromoethane	96		101		70-130	5		30
1,2-Dibromo-3-chloropropane	93		99		68-130	6		30
Isopropylbenzene	78		86		70-130	10		30
1,2,3-Trichlorobenzene	104		105		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2412775
Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1896342-3 WG1896342-4								
1,2,4-Trichlorobenzene	104		109		70-130	5		30
Methyl Acetate	88		91		51-146	3		30
Cyclohexane	78		81		59-142	4		30
1,4-Dioxane	98		104		65-136	6		30
Freon-113	97		104		50-139	7		30
Methyl cyclohexane	81		84		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		96		70-130
Toluene-d8	90		95		70-130
4-Bromofluorobenzene	90		87		70-130
Dibromofluoromethane	111		108		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2412775
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-01
Client ID: TP-18 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/07/24 09:30
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/15/24 07:01
Analyst: LJG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 03/14/24 01:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2412775

Project Number: 4461.0001B002 **Report Date:** 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-01 Date Collected: 03/07/24 09:30

Client ID: TP-18 2-3 Date Received: 03/08/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2412775

Project Number: 4461.0001B002 **Report Date:** 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-01 Date Collected: 03/07/24 09:30

Client ID: TP-18 2-3 Date Received: 03/08/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	77		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2412775
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-02
Client ID: TP-19 3-4
Sample Location: BUFFALO, NY

Date Collected: 03/07/24 10:15
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/15/24 06:36
Analyst: LJG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 03/14/24 01:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	120	24.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2412775

Project Number: 4461.0001B002 **Report Date:** 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-02 Date Collected: 03/07/24 10:15

Client ID: TP-19 3-4 Date Received: 03/08/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	120	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	79.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	ND		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	280	56.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2412775

Project Number: 4461.0001B002 **Report Date:** 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-02 Date Collected: 03/07/24 10:15

Client ID: TP-19 3-4 Date Received: 03/08/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	71		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2412775
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-03
Client ID: TP-22 1-2
Sample Location: BUFFALO, NY

Date Collected: 03/07/24 11:00
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/15/24 02:22
Analyst: ALS
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 03/14/24 01:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	72	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	41	J	ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2412775

Project Number: 4461.0001B002 **Report Date:** 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-03 Date Collected: 03/07/24 11:00

Client ID: TP-22 1-2 Date Received: 03/08/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	36	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	37	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	62	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2412775

Project Number: 4461.0001B002 **Report Date:** 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-03 Date Collected: 03/07/24 11:00

Client ID: TP-22 1-2 Date Received: 03/08/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
Tentatively Identified Compounds						
Total TIC Compounds	186	J	ug/kg			1
Unknown	186	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	79		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2412775
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/14/24 11:45
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 03/14/24 01:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1896006-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2412775
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/14/24 11:45
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 03/14/24 01:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1896006-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2412775
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/14/24 11:45
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 03/14/24 01:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1896006-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	72		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2412775
Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1896006-2 WG1896006-3								
Acenaphthene	67		75		31-137	11		50
Hexachlorobenzene	69		76		40-140	10		50
Bis(2-chloroethyl)ether	65		70		40-140	7		50
2-Chloronaphthalene	69		75		40-140	8		50
3,3'-Dichlorobenzidine	72		82		40-140	13		50
2,4-Dinitrotoluene	80		87		40-132	8		50
2,6-Dinitrotoluene	78		85		40-140	9		50
Fluoranthene	69		78		40-140	12		50
4-Chlorophenyl phenyl ether	68		76		40-140	11		50
4-Bromophenyl phenyl ether	69		76		40-140	10		50
Bis(2-chloroisopropyl)ether	72		79		40-140	9		50
Bis(2-chloroethoxy)methane	73		80		40-117	9		50
Hexachlorobutadiene	71		76		40-140	7		50
Hexachlorocyclopentadiene	42		44		40-140	5		50
Hexachloroethane	62		68		40-140	9		50
Isophorone	72		80		40-140	11		50
Naphthalene	66		73		40-140	10		50
Nitrobenzene	75		83		40-140	10		50
NDPA/DPA	69		77		36-157	11		50
n-Nitrosodi-n-propylamine	74		84		32-121	13		50
Bis(2-ethylhexyl)phthalate	76		86		40-140	12		50
Butyl benzyl phthalate	80		92		40-140	14		50
Di-n-butylphthalate	74		83		40-140	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2412775

Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1896006-2 WG1896006-3								
Di-n-octylphthalate	80		89		40-140	11		50
Diethyl phthalate	70		78		40-140	11		50
Dimethyl phthalate	70		77		40-140	10		50
Benzo(a)anthracene	67		74		40-140	10		50
Benzo(a)pyrene	66		72		40-140	9		50
Benzo(b)fluoranthene	67		72		40-140	7		50
Benzo(k)fluoranthene	64		72		40-140	12		50
Chrysene	65		73		40-140	12		50
Acenaphthylene	68		74		40-140	8		50
Anthracene	67		78		40-140	15		50
Benzo(ghi)perylene	64		70		40-140	9		50
Fluorene	67		74		40-140	10		50
Phenanthrene	66		74		40-140	11		50
Dibenzo(a,h)anthracene	66		73		40-140	10		50
Indeno(1,2,3-cd)pyrene	66		73		40-140	10		50
Pyrene	69		80		35-142	15		50
Biphenyl	70		77		37-127	10		50
4-Chloroaniline	48		49		40-140	2		50
2-Nitroaniline	86		96		47-134	11		50
3-Nitroaniline	64		72		26-129	12		50
4-Nitroaniline	81		89		41-125	9		50
Dibenzofuran	66		74		40-140	11		50
2-Methylnaphthalene	69		76		40-140	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2412775

Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1896006-2 WG1896006-3								
1,2,4,5-Tetrachlorobenzene	71		78		40-117	9		50
Acetophenone	83		91		14-144	9		50
2,4,6-Trichlorophenol	78		84		30-130	7		50
p-Chloro-m-cresol	77		85		26-103	10		50
2-Chlorophenol	70		77		25-102	10		50
2,4-Dichlorophenol	75		82		30-130	9		50
2,4-Dimethylphenol	81		89		30-130	9		50
2-Nitrophenol	74		81		30-130	9		50
4-Nitrophenol	80		91		11-114	13		50
2,4-Dinitrophenol	23		25		4-130	8		50
4,6-Dinitro-o-cresol	29		32		10-130	10		50
Pentachlorophenol	78		85		17-109	9		50
Phenol	74		82		26-90	10		50
2-Methylphenol	73		79		30-130.	8		50
3-Methylphenol/4-Methylphenol	74		80		30-130	8		50
2,4,5-Trichlorophenol	78		87		30-130	11		50
Carbazole	71		78		54-128	9		50
Atrazine	71		78		40-140	9		50
Benzaldehyde	63		69		40-140	9		50
Caprolactam	94		104		15-130	10		50
2,3,4,6-Tetrachlorophenol	78		88		40-140	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2412775

Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1896006-2 WG1896006-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	72		77		25-120
Phenol-d6	72		79		10-120
Nitrobenzene-d5	76		83		23-120
2-Fluorobiphenyl	69		74		30-120
2,4,6-Tribromophenol	78		84		10-136
4-Terphenyl-d14	67		76		18-120

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2412775
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-01
Client ID: TP-18 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/07/24 09:30
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/14/24 08:53
Analyst: MHG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 03/13/24 07:18
Cleanup Method: EPA 3665A
Cleanup Date: 03/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/14/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.6	5.11	1	A
Aroclor 1221	ND		ug/kg	57.6	5.77	1	A
Aroclor 1232	ND		ug/kg	57.6	12.2	1	A
Aroclor 1242	ND		ug/kg	57.6	7.76	1	A
Aroclor 1248	ND		ug/kg	57.6	8.64	1	A
Aroclor 1254	ND		ug/kg	57.6	6.30	1	A
Aroclor 1260	ND		ug/kg	57.6	10.6	1	A
Aroclor 1262	ND		ug/kg	57.6	7.31	1	A
Aroclor 1268	ND		ug/kg	57.6	5.96	1	A
PCBs, Total	ND		ug/kg	57.6	5.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	43		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	44		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2412775
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-03
Client ID: TP-22 1-2
Sample Location: BUFFALO, NY

Date Collected: 03/07/24 11:00
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/14/24 23:02
Analyst: MEO
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 03/14/24 11:17
Cleanup Method: EPA 3665A
Cleanup Date: 03/14/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/14/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.7	5.30	1	A
Aroclor 1221	ND		ug/kg	59.7	5.98	1	A
Aroclor 1232	ND		ug/kg	59.7	12.7	1	A
Aroclor 1242	ND		ug/kg	59.7	8.05	1	A
Aroclor 1248	ND		ug/kg	59.7	8.96	1	A
Aroclor 1254	ND		ug/kg	59.7	6.53	1	A
Aroclor 1260	ND		ug/kg	59.7	11.0	1	A
Aroclor 1262	ND		ug/kg	59.7	7.58	1	A
Aroclor 1268	ND		ug/kg	59.7	6.19	1	A
PCBs, Total	ND		ug/kg	59.7	5.30	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	40		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	42		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2412775
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/14/24 06:28
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 03/13/24 07:08
Cleanup Method: EPA 3665A
Cleanup Date: 03/13/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/14/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1895535-1						
Aroclor 1016	ND		ug/kg	47.6	4.22	A
Aroclor 1221	ND		ug/kg	47.6	4.77	A
Aroclor 1232	ND		ug/kg	47.6	10.1	A
Aroclor 1242	ND		ug/kg	47.6	6.41	A
Aroclor 1248	ND		ug/kg	47.6	7.14	A
Aroclor 1254	ND		ug/kg	47.6	5.20	A
Aroclor 1260	ND		ug/kg	47.6	8.79	A
Aroclor 1262	ND		ug/kg	47.6	6.04	A
Aroclor 1268	ND		ug/kg	47.6	4.93	A
PCBs, Total	ND		ug/kg	47.6	4.22	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2412775
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/14/24 13:18
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 03/14/24 05:30
Cleanup Method: EPA 3665A
Cleanup Date: 03/14/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/14/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03 Batch: WG1896036-1						
Aroclor 1016	ND		ug/kg	47.7	4.23	A
Aroclor 1221	ND		ug/kg	47.7	4.78	A
Aroclor 1232	ND		ug/kg	47.7	10.1	A
Aroclor 1242	ND		ug/kg	47.7	6.42	A
Aroclor 1248	ND		ug/kg	47.7	7.15	A
Aroclor 1254	ND		ug/kg	47.7	5.21	A
Aroclor 1260	ND		ug/kg	47.7	8.81	A
Aroclor 1262	ND		ug/kg	47.7	6.05	A
Aroclor 1268	ND		ug/kg	47.7	4.94	A
PCBs, Total	ND		ug/kg	47.7	4.23	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	105		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2412775

Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1895535-2 WG1895535-3									
Aroclor 1016	79		77		40-140	3		50	A
Aroclor 1260	70		68		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		73		30-150	A
Decachlorobiphenyl	60		57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		72		30-150	B
Decachlorobiphenyl	60		59		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2412775

Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03 Batch: WG1896036-2 WG1896036-3									
Aroclor 1016	92		105		40-140	13		50	A
Aroclor 1260	93		106		40-140	13		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		78		30-150	A
Decachlorobiphenyl	86		96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		84		30-150	B
Decachlorobiphenyl	88		97		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2412775
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-01
Client ID: TP-18 2-3
Sample Location: BUFFALO, NY
Date Collected: 03/07/24 09:30
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12400		mg/kg	23.7	6.39	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	11.8	0.899	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Arsenic, Total	4.83		mg/kg	2.37	0.492	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Barium, Total	115		mg/kg	2.37	0.412	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.510	J	mg/kg	1.18	0.078	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.679	J	mg/kg	2.37	0.232	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Calcium, Total	41000		mg/kg	23.7	8.28	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Chromium, Total	19.3		mg/kg	2.37	0.227	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Cobalt, Total	11.4		mg/kg	4.73	0.393	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Copper, Total	19.4		mg/kg	2.37	0.610	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Iron, Total	21900		mg/kg	11.8	2.14	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Lead, Total	121		mg/kg	11.8	0.634	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Magnesium, Total	10300		mg/kg	23.7	3.64	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Manganese, Total	516		mg/kg	2.37	0.376	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Mercury, Total	0.079	J	mg/kg	0.087	0.057	1	03/14/24 23:50	03/15/24 10:08	EPA 7471B	1,7471B	GMG
Nickel, Total	21.5		mg/kg	5.92	0.573	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Potassium, Total	1460		mg/kg	592	34.1	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	4.73	0.610	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	1.18	0.670	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Sodium, Total	273	J	mg/kg	473	7.45	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	4.73	0.745	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Vanadium, Total	23.2		mg/kg	2.37	0.480	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC
Zinc, Total	102		mg/kg	11.8	0.693	5	03/14/24 22:35	03/15/24 11:42	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2412775
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-02
Client ID: TP-19 3-4
Sample Location: BUFFALO, NY
Date Collected: 03/07/24 10:15
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15200		mg/kg	23.9	6.46	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Antimony, Total	1.07	J	mg/kg	12.0	0.909	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Arsenic, Total	4.51		mg/kg	2.39	0.498	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Barium, Total	119		mg/kg	2.39	0.416	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.719	J	mg/kg	1.20	0.079	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.702	J	mg/kg	2.39	0.234	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Calcium, Total	54400		mg/kg	23.9	8.37	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Chromium, Total	22.8		mg/kg	2.39	0.230	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Cobalt, Total	13.1		mg/kg	4.78	0.397	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Copper, Total	21.3		mg/kg	2.39	0.617	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Iron, Total	25400		mg/kg	12.0	2.16	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Lead, Total	16.3		mg/kg	12.0	0.641	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Magnesium, Total	17700		mg/kg	23.9	3.68	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Manganese, Total	555		mg/kg	2.39	0.380	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.091	0.059	1	03/14/24 23:50	03/15/24 10:11	EPA 7471B	1,7471B	GMG
Nickel, Total	28.3		mg/kg	5.98	0.579	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Potassium, Total	1870		mg/kg	598	34.4	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	4.78	0.617	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	1.20	0.677	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Sodium, Total	281	J	mg/kg	478	7.53	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	4.78	0.753	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Vanadium, Total	29.0		mg/kg	2.39	0.486	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC
Zinc, Total	70.4		mg/kg	12.0	0.701	5	03/14/24 22:35	03/15/24 11:49	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2412775
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-03
Client ID: TP-22 1-2
Sample Location: BUFFALO, NY
Date Collected: 03/07/24 11:00
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15500		mg/kg	23.0	6.20	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Antimony, Total	0.976	J	mg/kg	11.5	0.872	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Arsenic, Total	3.78		mg/kg	2.30	0.478	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Barium, Total	125		mg/kg	2.30	0.399	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.713	J	mg/kg	1.15	0.076	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.583	J	mg/kg	2.30	0.225	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Calcium, Total	28700		mg/kg	23.0	8.04	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Chromium, Total	22.7		mg/kg	2.30	0.220	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Cobalt, Total	9.86		mg/kg	4.59	0.381	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Copper, Total	18.4		mg/kg	2.30	0.592	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Iron, Total	23400		mg/kg	11.5	2.07	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Lead, Total	12.3		mg/kg	11.5	0.615	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Magnesium, Total	11300		mg/kg	23.0	3.54	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Manganese, Total	320		mg/kg	2.30	0.365	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.082	0.054	1	03/14/24 23:50	03/15/24 10:14	EPA 7471B	1,7471B	GMG
Nickel, Total	25.5		mg/kg	5.74	0.556	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Potassium, Total	1640		mg/kg	574	33.0	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	4.59	0.592	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	1.15	0.650	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Sodium, Total	125	J	mg/kg	459	7.23	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	4.59	0.723	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Vanadium, Total	26.9		mg/kg	2.30	0.466	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC
Zinc, Total	72.8		mg/kg	11.5	0.673	5	03/14/24 22:35	03/15/24 11:56	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2412775

Project Number: 4461.0001B002 **Report Date:** 03/15/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1896356-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	1.40	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.038	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Iron, Total	1.57	J	mg/kg	2.00	0.361	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.064	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.097	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Potassium, Total	13.7	J	mg/kg	100	5.76	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Sodium, Total	7.67	J	mg/kg	80.0	1.26	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Thallium, Total	0.136	J	mg/kg	0.800	0.126	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	03/14/24 22:35	03/15/24 09:35	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1896359-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/14/24 23:50	03/15/24 09:27	1,7471B	GMG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2412775
Report Date: 03/15/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2412775

Report Date: 03/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1896356-2 SRM Lot Number: D123-540								
Aluminum, Total	72		-		53-147	-		
Antimony, Total	137		-		2-201	-		
Arsenic, Total	100		-		82-118	-		
Barium, Total	101		-		82-118	-		
Beryllium, Total	100		-		83-117	-		
Cadmium, Total	95		-		83-118	-		
Calcium, Total	92		-		82-118	-		
Chromium, Total	101		-		81-118	-		
Cobalt, Total	101		-		83-117	-		
Copper, Total	93		-		83-117	-		
Iron, Total	84		-		58-142	-		
Lead, Total	98		-		82-119	-		
Magnesium, Total	88		-		75-124	-		
Manganese, Total	100		-		81-119	-		
Nickel, Total	101		-		82-118	-		
Potassium, Total	88		-		72-128	-		
Selenium, Total	99		-		81-119	-		
Silver, Total	100		-		79-120	-		
Sodium, Total	108		-		74-126	-		
Thallium, Total	95		-		81-120	-		
Vanadium, Total	97		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2412775

Report Date: 03/15/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1896356-2 SRM Lot Number: D123-540					
Zinc, Total	99	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1896359-2 SRM Lot Number: D123-540					
Mercury, Total	97	-	67-132	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2412775
Report Date: 03/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1896356-3 WG1896356-4 QC Sample: L2410516-118 Client ID: MS Sample												
Aluminum, Total	8240	184	9990	**949**	Q	9610	**746**	Q	75-125	4		20
Antimony, Total	1.16J	46.1	43.4	94		44.4	97		75-125	2		20
Arsenic, Total	9.09	11.1	20.6	104		21.7	114		75-125	5		20
Barium, Total	57.3	184	258	109		257	109		75-125	0		20
Beryllium, Total	0.295J	4.61	5.18	112		5.21	113		75-125	1		20
Cadmium, Total	0.572J	4.89	5.53	113		5.57	114		75-125	1		20
Calcium, Total	649	922	1620	105		1620	106		75-125	0		20
Chromium, Total	16.7	18.4	35.9	104		36.7	109		75-125	2		20
Cobalt, Total	6.52	46.1	55.3	106		55.7	107		75-125	1		20
Copper, Total	49.5	23	67.8	79		75.4	113		75-125	11		20
Iron, Total	28200	92.2	27100	**0**	Q	30000	**1960**	Q	75-125	10		20
Lead, Total	131	48.9	177	94		191	123		75-125	8		20
Magnesium, Total	3460	922	4960	**163**	Q	4830	**149**	Q	75-125	3		20
Manganese, Total	303	46.1	773	**1020**	Q	441	**301**	Q	75-125	**55**	Q	20
Nickel, Total	14.1	46.1	65.9	112		64.8	110		75-125	2		20
Potassium, Total	598	922	1610	110		1620	111		75-125	1		20
Selenium, Total	ND	11.1	11.3	102		11.0	100		75-125	3		20
Silver, Total	ND	4.61	4.72	102		4.79	104		75-125	1		20
Sodium, Total	48.8J	922	1020	110		1040	113		75-125	2		20
Thallium, Total	ND	11.1	11.2	101		11.0	100		75-125	2		20
Vanadium, Total	16.4	46.1	63.8	103		65.1	106		75-125	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2412775
Report Date: 03/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1896356-3 WG1896356-4 QC Sample: L2410516-118 Client ID: MS Sample										
Zinc, Total	53.8	46.1	119	**141**	Q	108	118	75-125	10	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1896359-3 WG1896359-4 QC Sample: L2410516-118 Client ID: MS Sample										
Mercury, Total	0.273	1.54	1.77	97		1.79	102	80-120	1	20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2412775
Report Date: 03/15/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1896356-6 QC Sample: L2410516-118 Client ID: DUP Sample						
Aluminum, Total	8240	8520	mg/kg	3		20
Calcium, Total	649	693	mg/kg	7		20
Iron, Total	28200	29700	mg/kg	5		20
Magnesium, Total	3460	3540	mg/kg	2		20
Manganese, Total	303	314	mg/kg	4		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2412775
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-01
Client ID: TP-18 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/07/24 09:30
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	03/09/24 11:51	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2412775
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-02
Client ID: TP-19 3-4
Sample Location: BUFFALO, NY

Date Collected: 03/07/24 10:15
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.0		%	0.100	NA	1	-	03/09/24 11:51	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2412775
Report Date: 03/15/24

SAMPLE RESULTS

Lab ID: L2412775-03
Client ID: TP-22 1-2
Sample Location: BUFFALO, NY

Date Collected: 03/07/24 11:00
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	03/09/24 11:51	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2412775

Report Date: 03/15/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1894183-1 QC Sample: L2413004-01 Client ID: DUP Sample						
Solids, Total	17.6	17.1	%	3		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2412775
Report Date: 03/15/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2412775-01A	Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2412775-01B	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2412775-01C	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2412775-02A	Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2412775-02B	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L2412775-02C	Glass 120ml/4oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14)
L2412775-03A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)
L2412775-03B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)
L2412775-03C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)
L2412775-03D	Glass 120ml/4oz unpreserved	A	NA		3.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2412775-03E	Glass 120ml/4oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2412775-03F	Glass 120ml/4oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2412775-03X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260HLW-R2(14)
L2412775-03Y	Vial Water preserved split	A	NA		3.5	Y	Absent	09-MAR-24 08:17	NYTCL-8260HLW-R2(14)
L2412775-03Z	Vial Water preserved split	A	NA		3.5	Y	Absent	09-MAR-24 08:17	NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2412775
Project Number:	4461.0001B002	**Report Date:**	03/15/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2412775
Project Number:	4461.0001B002	**Report Date:**	03/15/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2412775
Project Number:	4461.0001B002	**Report Date:**	03/15/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2412775
Project Number:	4461.0001B002	**Report Date:**	03/15/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 3/9/24

ALPHA Job #: L2412775

Client Information
Client: Rock
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: mmurphy@rockinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

☐ These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs + TICs	TCL SVOCs + TICs + 1,4-Dioxane	8270+TICs	8082	Total Bottle	Sample Specific Comments
12775-01	TP-18 2-3	3-7-24	0930	Soil	CEH		X	X	X		
02	TP-19 3-4	↓	1015	↓	↓		X	X			
03	TP-22 1-2	↓	1100	↓	↓	X	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = NaHSO
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A				
Preservative	A	A	A	A				

Relinquished By:	Date/Time	Received By:	Date/Time
Chester Hochstetter	3-7-24 / 1530	R. Bishop	3-8-24 / 13:02
R. Bishop	3-8-24 / 15:08		3/9/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2413849
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	03/21/24

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

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

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2413849
Report Date: 03/21/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2413849-01	TP-14 1-2	SOIL	BUFFALO, NY	03/13/24 08:00	03/14/24
L2413849-02	TP-15 0.5-1	SOIL	BUFFALO, NY	03/13/24 14:00	03/14/24
L2413849-03	TP-16 1-2	SOIL	BUFFALO, NY	03/13/24 11:00	03/14/24
L2413849-04	TP-17 1-3	SOIL	BUFFALO, NY	03/13/24 09:30	03/14/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2413849
Project Number:	4461.0001B002	**Report Date:**	03/21/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2413849
Project Number:	4461.0001B002	**Report Date:**	03/21/24

Case Narrative (continued)

Report Submission

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

Total Metals

L2413849-02 through -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 03/21/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-01
Client ID: TP-14 1-2
Sample Location: BUFFALO, NY

Date Collected: 03/13/24 08:00
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/19/24 17:01
Analyst: JIC
Percent Solids: 78%

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-01 Date Collected: 03/13/24 08:00

Client ID: TP-14 1-2 Date Received: 03/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Cyclohexane	ND		ug/kg	12	0.64	1
1,4-Dioxane	ND		ug/kg	95	42.	1
Freon-113	ND		ug/kg	4.7	0.82	1
Methyl cyclohexane	ND		ug/kg	4.7	0.72	1

Tentatively Identified Compounds				
Total TIC Compounds	2.74	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.74	NJ	ug/kg	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-01 Date Collected: 03/13/24 08:00

Client ID: TP-14 1-2 Date Received: 03/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-04
Client ID: TP-17 1-3
Sample Location: BUFFALO, NY

Date Collected: 03/13/24 09:30
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/19/24 17:40
Analyst: JIC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-04 Date Collected: 03/13/24 09:30

Client ID: TP-17 1-3 Date Received: 03/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	12	0.63	1
1,4-Dioxane	ND		ug/kg	93	41.	1
Freon-113	ND		ug/kg	4.6	0.81	1
Methyl cyclohexane	ND		ug/kg	4.6	0.70	1

Tentatively Identified Compounds				
Total TIC Compounds	2.49	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.49	NJ	ug/kg	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-04 Date Collected: 03/13/24 09:30

Client ID: TP-17 1-3 Date Received: 03/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/19/24 10:34
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,04 Batch: WG1898547-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.35	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/19/24 10:34
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,04 Batch: WG1898547-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/19/24 10:34
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,04 Batch: WG1898547-5					
Tentatively Identified Compounds					
Total TIC Compounds	9.09	J	ug/kg		
Unknown	2.05	J	ug/kg		
Cyclotrisiloxane, Hexamethyl-	4.68	NJ	ug/kg		
Unknown	2.36	J	ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2413849

Report Date: 03/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,04 Batch: WG1898547-3 WG1898547-4								
Methylene chloride	88		90		70-130	2		30
1,1-Dichloroethane	99		102		70-130	3		30
Chloroform	92		95		70-130	3		30
Carbon tetrachloride	82		85		70-130	4		30
1,2-Dichloropropane	104		107		70-130	3		30
Dibromochloromethane	92		98		70-130	6		30
1,1,2-Trichloroethane	100		105		70-130	5		30
Tetrachloroethene	90		91		70-130	1		30
Chlorobenzene	96		98		70-130	2		30
Trichlorofluoromethane	82		82		70-139	0		30
1,2-Dichloroethane	102		106		70-130	4		30
1,1,1-Trichloroethane	88		89		70-130	1		30
Bromodichloromethane	93		97		70-130	4		30
trans-1,3-Dichloropropene	101		105		70-130	4		30
cis-1,3-Dichloropropene	99		103		70-130	4		30
Bromoform	89		96		70-130	8		30
1,1,2,2-Tetrachloroethane	103		110		70-130	7		30
Benzene	94		96		70-130	2		30
Toluene	95		96		70-130	1		30
Ethylbenzene	96		98		70-130	2		30
Chloromethane	103		103		52-130	0		30
Bromomethane	85		85		57-147	0		30
Vinyl chloride	97		96		67-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2413849

Report Date: 03/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,04 Batch: WG1898547-3 WG1898547-4								
Chloroethane	97		96		50-151	1		30
1,1-Dichloroethene	88		88		65-135	0		30
trans-1,2-Dichloroethene	90		92		70-130	2		30
Trichloroethene	92		94		70-130	2		30
1,2-Dichlorobenzene	98		101		70-130	3		30
1,3-Dichlorobenzene	98		99		70-130	1		30
1,4-Dichlorobenzene	98		100		70-130	2		30
Methyl tert butyl ether	97		104		66-130	7		30
p/m-Xylene	97		98		70-130	1		30
o-Xylene	98		99		70-130	1		30
cis-1,2-Dichloroethene	92		93		70-130	1		30
Styrene	102		105		70-130	3		30
Dichlorodifluoromethane	77		76		30-146	1		30
Acetone	114		123		54-140	8		30
Carbon disulfide	80		81		59-130	1		30
2-Butanone	110		124		70-130	12		30
4-Methyl-2-pentanone	118		**132**	Q	70-130	11		30
2-Hexanone	115		**132**	Q	70-130	14		30
Bromochloromethane	94		98		70-130	4		30
1,2-Dibromoethane	102		107		70-130	5		30
n-Butylbenzene	95		96		70-130	1		30
sec-Butylbenzene	94		95		70-130	1		30
1,2-Dibromo-3-chloropropane	98		109		68-130	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2413849

Report Date: 03/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,04 Batch: WG1898547-3 WG1898547-4								
Isopropylbenzene	96		96		70-130	0		30
p-Isopropyltoluene	96		96		70-130	0		30
n-Propylbenzene	97		97		70-130	0		30
1,2,3-Trichlorobenzene	111		118		70-130	6		30
1,2,4-Trichlorobenzene	105		108		70-130	3		30
1,3,5-Trimethylbenzene	97		97		70-130	0		30
1,2,4-Trimethylbenzene	98		99		70-130	1		30
Methyl Acetate	111		123		51-146	10		30
Cyclohexane	96		98		59-142	2		30
1,4-Dioxane	107		116		65-136	8		30
Freon-113	82		81		50-139	1		30
Methyl cyclohexane	78		79		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		105		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	106		105		70-130
Dibromofluoromethane	100		101		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2413849
Report Date: 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-01
Client ID: TP-14 1-2
Sample Location: BUFFALO, NY

Date Collected: 03/13/24 08:00
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/19/24 09:02
Analyst: IM
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 03/18/24 04:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	220		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	6700		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	670		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	3300		ug/kg	120	23.	1
Benzo(a)pyrene	3200		ug/kg	170	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-01 Date Collected: 03/13/24 08:00

Client ID: TP-14 1-2 Date Received: 03/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	3900		ug/kg	120	35.	1
Benzo(k)fluoranthene	1400		ug/kg	120	33.	1
Chrysene	3000		ug/kg	120	22.	1
Acenaphthylene	1000		ug/kg	170	32.	1
Anthracene	1300		ug/kg	120	40.	1
Benzo(ghi)perylene	1900		ug/kg	170	24.	1
Fluorene	640		ug/kg	210	20.	1
Phenanthrene	5500		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	450		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	1900		ug/kg	170	29.	1
Pyrene	5700		ug/kg	120	21.	1
Biphenyl	89	J	ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	540		ug/kg	210	20.	1
2-Methylnaphthalene	270		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	110	J	ug/kg	210	31.	1
2-Methylphenol	43	J	ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	140	J	ug/kg	300	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	780		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	270	56.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-01 Date Collected: 03/13/24 08:00

Client ID: TP-14 1-2 Date Received: 03/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	63.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1
Tentatively Identified Compounds						
Total TIC Compounds	12900	J	ug/kg			1
Unknown	586	J	ug/kg			1
Unknown PAH	703	J	ug/kg			1
Unknown PAH	583	J	ug/kg			1
Unknown PAH	589	J	ug/kg			1
Unknown PAH	900	J	ug/kg			1
Unknown PAH	679	J	ug/kg			1
Unknown PAH	692	J	ug/kg			1
Unknown	654	J	ug/kg			1
Unknown	1310	J	ug/kg			1
Unknown PAH	831	J	ug/kg			1
Unknown	913	J	ug/kg			1
Unknown	1150	J	ug/kg			1
Unknown PAH	1900	J	ug/kg			1
Unknown PAH	766	J	ug/kg			1
Unknown PAH	671	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	84		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2413849
Report Date: 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-02
Client ID: TP-15 0.5-1
Sample Location: BUFFALO, NY

Date Collected: 03/13/24 14:00
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/19/24 06:17
Analyst: IM
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/18/24 04:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	36	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	92	J	ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	30	J	ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-02 Date Collected: 03/13/24 14:00

Client ID: TP-15 0.5-1 Date Received: 03/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	35	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	97	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	34	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	30	J	ug/kg	200	19.	1
2-Methylnaphthalene	130	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-02 Date Collected: 03/13/24 14:00

Client ID: TP-15 0.5-1 Date Received: 03/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	86		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2413849
Report Date: 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-03
Client ID: TP-16 1-2
Sample Location: BUFFALO, NY

Date Collected: 03/13/24 11:00
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/19/24 09:25
Analyst: IM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 03/18/24 04:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	740		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	1700		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	540		ug/kg	120	22.	1
Benzo(a)pyrene	400		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-03 Date Collected: 03/13/24 11:00

Client ID: TP-16 1-2 Date Received: 03/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	540		ug/kg	120	33.	1
Benzo(k)fluoranthene	160		ug/kg	120	32.	1
Chrysene	640		ug/kg	120	21.	1
Acenaphthylene	160		ug/kg	160	30.	1
Anthracene	170		ug/kg	120	39.	1
Benzo(ghi)perylene	260		ug/kg	160	23.	1
Fluorene	100	J	ug/kg	200	19.	1
Phenanthrene	1800		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	83	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	220		ug/kg	160	28.	1
Pyrene	750		ug/kg	120	20.	1
Biphenyl	300	J	ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	660		ug/kg	200	19.	1
2-Methylnaphthalene	2600		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	280		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	49	J	ug/kg	200	30.	1
2-Methylphenol	55	J	ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	120	J	ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	110	J	ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	760		ug/kg	260	54.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-03 Date Collected: 03/13/24 11:00

Client ID: TP-16 1-2 Date Received: 03/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
Tentatively Identified Compounds						
Total TIC Compounds	15000	J	ug/kg			1
Unknown	698	J	ug/kg			1
Unknown Naphthalene	813	J	ug/kg			1
Unknown Naphthalene	818	J	ug/kg			1
Unknown Benzene	778	J	ug/kg			1
Unknown Naphthalene	957	J	ug/kg			1
Unknown Naphthalene	1400	J	ug/kg			1
Unknown Alkane	1470	J	ug/kg			1
Unknown PAH	1050	J	ug/kg			1
Unknown Naphthalene	757	J	ug/kg			1
Unknown PAH	1290	J	ug/kg			1
Unknown Alkane	1310	J	ug/kg			1
Unknown PAH	906	J	ug/kg			1
Unknown PAH	852	J	ug/kg			1
Unknown	790	J	ug/kg			1
Unknown	1140	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	75		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2413849
Report Date: 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-04
Client ID: TP-17 1-3
Sample Location: BUFFALO, NY

Date Collected: 03/13/24 09:30
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/19/24 11:23
Analyst: IM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 03/18/24 04:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	5000		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	19000	E	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	2700		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	160	J	ug/kg	200	70.	1
Butyl benzyl phthalate	170	J	ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	16000	E	ug/kg	120	23.	1
Benzo(a)pyrene	12000	E	ug/kg	160	49.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-04 Date Collected: 03/13/24 09:30

Client ID: TP-17 1-3 Date Received: 03/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	19000	E	ug/kg	120	34.	1
Benzo(k)fluoranthene	4100		ug/kg	120	32.	1
Chrysene	13000	E	ug/kg	120	21.	1
Acenaphthylene	590		ug/kg	160	31.	1
Anthracene	6700		ug/kg	120	39.	1
Benzo(ghi)perylene	7500		ug/kg	160	24.	1
Fluorene	3700		ug/kg	200	20.	1
Phenanthrene	18000	E	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	1900		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	8400	E	ug/kg	160	28.	1
Pyrene	15000	E	ug/kg	120	20.	1
Biphenyl	280	J	ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	2500		ug/kg	200	19.	1
2-Methylnaphthalene	1000		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	1
Pentachlorophenol	250		ug/kg	160	44.	1
Phenol	59	J	ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	99	J	ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	4500		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	270	54.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-04 Date Collected: 03/13/24 09:30

Client ID: TP-17 1-3 Date Received: 03/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	41	J	ug/kg	200	41.	1
Tentatively Identified Compounds						
Total TIC Compounds	47300	J	ug/kg			1
Unknown PAH	2540	J	ug/kg			1
Unknown	909	J	ug/kg			1
Unknown PAH	1710	J	ug/kg			1
Unknown PAH	3760	J	ug/kg			1
Unknown PAH	4120	J	ug/kg			1
Unknown PAH	5720	J	ug/kg			1
Unknown PAH	1350	J	ug/kg			1
Unknown PAH	9260	J	ug/kg			1
Unknown	1450	J	ug/kg			1
Unknown PAH	2730	J	ug/kg			1
Unknown	2220	J	ug/kg			1
Unknown PAH	4610	J	ug/kg			1
Unknown Ketone	2240	J	ug/kg			1
Unknown PAH	2310	J	ug/kg			1
Unknown PAH	2420	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	66		18-120

Project Name: 1681-1689 MAIN STREET
Lab Number: L2413849
Project Number: 4461.0001B002
Report Date: 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-04 D
Client ID: TP-17 1-3
Sample Location: BUFFALO, NY

Date Collected: 03/13/24 09:30
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/20/24 12:57
Analyst: IM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 03/18/24 04:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	46000		ug/kg	1200	230	10
Benzo(a)anthracene	24000		ug/kg	1200	230	10
Benzo(a)pyrene	20000		ug/kg	1600	490	10
Benzo(b)fluoranthene	27000		ug/kg	1200	340	10
Chrysene	22000		ug/kg	1200	210	10
Phenanthrene	41000		ug/kg	1200	240	10
Indeno(1,2,3-cd)pyrene	12000		ug/kg	1600	280	10
Pyrene	36000		ug/kg	1200	200	10

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/18/24 13:36
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/17/24 23:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1897355-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2413849
Report Date: 03/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/18/24 13:36
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/17/24 23:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1897355-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2413849
Report Date: 03/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/18/24 13:36
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/17/24 23:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1897355-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	90		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2413849

Report Date: 03/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1897355-2 WG1897355-3								
Acenaphthene	98		111		31-137	12		50
Hexachlorobenzene	90		103		40-140	13		50
Bis(2-chloroethyl)ether	84		97		40-140	14		50
2-Chloronaphthalene	86		99		40-140	14		50
3,3'-Dichlorobenzidine	72		79		40-140	9		50
2,4-Dinitrotoluene	101		113		40-132	11		50
2,6-Dinitrotoluene	89		103		40-140	15		50
Fluoranthene	98		111		40-140	12		50
4-Chlorophenyl phenyl ether	90		102		40-140	13		50
4-Bromophenyl phenyl ether	88		98		40-140	11		50
Bis(2-chloroisopropyl)ether	40		46		40-140	14		50
Bis(2-chloroethoxy)methane	92		105		40-117	13		50
Hexachlorobutadiene	79		93		40-140	16		50
Hexachlorocyclopentadiene	99		118		40-140	18		50
Hexachloroethane	82		97		40-140	17		50
Isophorone	90		104		40-140	14		50
Naphthalene	91		106		40-140	15		50
Nitrobenzene	89		105		40-140	16		50
NDPA/DPA	98		110		36-157	12		50
n-Nitrosodi-n-propylamine	93		105		32-121	12		50
Bis(2-ethylhexyl)phthalate	123		139		40-140	12		50
Butyl benzyl phthalate	111		125		40-140	12		50
Di-n-butylphthalate	111		125		40-140	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2413849

Report Date: 03/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1897355-2 WG1897355-3								
Di-n-octylphthalate	128		**145**	Q	40-140	12		50
Diethyl phthalate	99		111		40-140	11		50
Dimethyl phthalate	86		99		40-140	14		50
Benzo(a)anthracene	95		109		40-140	14		50
Benzo(a)pyrene	97		111		40-140	13		50
Benzo(b)fluoranthene	98		105		40-140	7		50
Benzo(k)fluoranthene	94		116		40-140	21		50
Chrysene	96		109		40-140	13		50
Acenaphthylene	87		101		40-140	15		50
Anthracene	102		115		40-140	12		50
Benzo(ghi)perylene	93		108		40-140	15		50
Fluorene	96		108		40-140	12		50
Phenanthrene	100		113		40-140	12		50
Dibenzo(a,h)anthracene	94		109		40-140	15		50
Indeno(1,2,3-cd)pyrene	95		111		40-140	16		50
Pyrene	97		111		35-142	13		50
Biphenyl	91		105		37-127	14		50
4-Chloroaniline	75		81		40-140	8		50
2-Nitroaniline	100		111		47-134	10		50
3-Nitroaniline	82		87		26-129	6		50
4-Nitroaniline	98		109		41-125	11		50
Dibenzofuran	95		107		40-140	12		50
2-Methylnaphthalene	92		108		40-140	16		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2413849

Report Date: 03/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1897355-2 WG1897355-3								
1,2,4,5-Tetrachlorobenzene	84		99		40-117	16		50
Acetophenone	93		107		14-144	14		50
2,4,6-Trichlorophenol	89		104		30-130	16		50
p-Chloro-m-cresol	97		**109**	Q	26-103	12		50
2-Chlorophenol	92		**108**	Q	25-102	16		50
2,4-Dichlorophenol	92		106		30-130	14		50
2,4-Dimethylphenol	103		118		30-130	14		50
2-Nitrophenol	93		108		30-130	15		50
4-Nitrophenol	98		113		11-114	14		50
2,4-Dinitrophenol	68		87		4-130	25		50
4,6-Dinitro-o-cresol	87		99		10-130	13		50
Pentachlorophenol	85		100		17-109	16		50
Phenol	**92**	Q	**109**	Q	26-90	17		50
2-Methylphenol	98		115		30-130.	16		50
3-Methylphenol/4-Methylphenol	99		115		30-130	15		50
2,4,5-Trichlorophenol	89		104		30-130	16		50
Carbazole	100		113		54-128	12		50
Atrazine	92		105		40-140	13		50
Benzaldehyde	86		100		40-140	15		50
Caprolactam	58		64		15-130	10		50
2,3,4,6-Tetrachlorophenol	93		106		40-140	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2413849

Report Date: 03/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1897355-2 WG1897355-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	91		106		25-120
Phenol-d6	93		108		10-120
Nitrobenzene-d5	89		103		23-120
2-Fluorobiphenyl	83		97		30-120
2,4,6-Tribromophenol	106		124		10-136
4-Terphenyl-d14	88		100		18-120

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2413849
Report Date: 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-02
Client ID: TP-15 0.5-1
Sample Location: BUFFALO, NY

Date Collected: 03/13/24 14:00
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/18/24 18:00
Analyst: AD
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 03/18/24 04:31
Cleanup Method: EPA 3665A
Cleanup Date: 03/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.0	5.24	1	A
Aroclor 1221	ND		ug/kg	59.0	5.91	1	A
Aroclor 1232	ND		ug/kg	59.0	12.5	1	A
Aroclor 1242	ND		ug/kg	59.0	7.95	1	A
Aroclor 1248	ND		ug/kg	59.0	8.84	1	A
Aroclor 1254	ND		ug/kg	59.0	6.45	1	A
Aroclor 1260	ND		ug/kg	59.0	10.9	1	A
Aroclor 1262	ND		ug/kg	59.0	7.49	1	A
Aroclor 1268	ND		ug/kg	59.0	6.11	1	A
PCBs, Total	ND		ug/kg	59.0	5.24	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2413849
Report Date: 03/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/18/24 17:37
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 03/18/24 04:31
Cleanup Method: EPA 3665A
Cleanup Date: 03/18/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/18/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02 Batch: WG1897389-1						
Aroclor 1016	ND		ug/kg	49.2	4.36	A
Aroclor 1221	ND		ug/kg	49.2	4.93	A
Aroclor 1232	ND		ug/kg	49.2	10.4	A
Aroclor 1242	ND		ug/kg	49.2	6.63	A
Aroclor 1248	ND		ug/kg	49.2	7.37	A
Aroclor 1254	ND		ug/kg	49.2	5.38	A
Aroclor 1260	ND		ug/kg	49.2	9.08	A
Aroclor 1262	ND		ug/kg	49.2	6.24	A
Aroclor 1268	ND		ug/kg	49.2	5.09	A
PCBs, Total	ND		ug/kg	49.2	4.36	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	81		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2413849

Report Date: 03/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02 Batch: WG1897389-2 WG1897389-3									
Aroclor 1016	98		95		40-140	3		50	A
Aroclor 1260	87		84		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		79		30-150	A
Decachlorobiphenyl	82		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		80		30-150	B
Decachlorobiphenyl	80		77		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2413849
Report Date: 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-02
Client ID: TP-15 0.5-1
Sample Location: BUFFALO, NY
Date Collected: 03/13/24 14:00
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15900		mg/kg	24.2	6.54	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	12.1	0.921	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Arsenic, Total	10.0		mg/kg	2.42	0.504	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Barium, Total	321		mg/kg	2.42	0.422	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Beryllium, Total	3.23		mg/kg	1.21	0.080	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	2.42	0.237	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Calcium, Total	77500		mg/kg	24.2	8.48	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Chromium, Total	6.57		mg/kg	2.42	0.233	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Cobalt, Total	3.40	J	mg/kg	4.85	0.402	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Copper, Total	22.6		mg/kg	2.42	0.625	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Iron, Total	22700		mg/kg	12.1	2.19	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Lead, Total	11.9	J	mg/kg	12.1	0.649	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Magnesium, Total	9560		mg/kg	24.2	3.73	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Manganese, Total	815		mg/kg	2.42	0.385	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/18/24 22:50	03/21/24 11:33	EPA 7471B	1,7471B	GMG
Nickel, Total	9.96		mg/kg	6.06	0.586	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Potassium, Total	1590		mg/kg	606	34.9	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Selenium, Total	0.787	J	mg/kg	4.85	0.625	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	1.21	0.686	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Sodium, Total	519		mg/kg	485	7.63	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	4.85	0.763	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Vanadium, Total	13.3		mg/kg	2.42	0.492	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL
Zinc, Total	35.7		mg/kg	12.1	0.710	5	03/18/24 22:00	03/20/24 20:03	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-03 Date Collected: 03/13/24 11:00

Client ID: TP-16 1-2 Date Received: 03/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5780		mg/kg	23.7	6.40	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	11.9	0.902	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Arsenic, Total	9.27		mg/kg	2.37	0.493	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Barium, Total	58.0		mg/kg	2.37	0.413	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.445	J	mg/kg	1.19	0.078	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	2.37	0.232	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Calcium, Total	9140		mg/kg	23.7	8.30	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Chromium, Total	15.8		mg/kg	2.37	0.228	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Cobalt, Total	2.89	J	mg/kg	4.74	0.394	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Copper, Total	12.1		mg/kg	2.37	0.612	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Iron, Total	28800		mg/kg	11.9	2.14	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Lead, Total	3.50	J	mg/kg	11.9	0.636	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Magnesium, Total	1200		mg/kg	23.7	3.65	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Manganese, Total	86.6		mg/kg	2.37	0.377	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Mercury, Total	0.121		mg/kg	0.084	0.055	1	03/18/24 22:50	03/21/24 11:37	EPA 7471B	1,7471B	GMG
Nickel, Total	8.27		mg/kg	5.93	0.574	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Potassium, Total	1200		mg/kg	593	34.2	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	4.74	0.612	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	1.19	0.671	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Sodium, Total	250	J	mg/kg	474	7.47	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	4.74	0.747	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Vanadium, Total	11.6		mg/kg	2.37	0.482	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL
Zinc, Total	7.01	J	mg/kg	11.9	0.695	5	03/18/24 22:00	03/20/24 20:08	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-04 Date Collected: 03/13/24 09:30

Client ID: TP-17 1-3 Date Received: 03/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3340		mg/kg	23.4	6.32	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	11.7	0.890	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Arsenic, Total	4.96		mg/kg	2.34	0.487	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Barium, Total	56.3		mg/kg	2.34	0.408	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.226	J	mg/kg	1.17	0.077	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Cadmium, Total	1.16	J	mg/kg	2.34	0.230	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Calcium, Total	108000		mg/kg	23.4	8.20	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Chromium, Total	14.0		mg/kg	2.34	0.225	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Cobalt, Total	3.33	J	mg/kg	4.68	0.389	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Copper, Total	24.0		mg/kg	2.34	0.604	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Iron, Total	7340		mg/kg	11.7	2.12	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Lead, Total	1840		mg/kg	11.7	0.628	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Magnesium, Total	12500		mg/kg	23.4	3.61	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Manganese, Total	255		mg/kg	2.34	0.372	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Mercury, Total	0.762		mg/kg	0.086	0.056	1	03/18/24 22:50	03/21/24 11:40	EPA 7471B	1,7471B	GMG
Nickel, Total	7.49		mg/kg	5.86	0.567	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Potassium, Total	549	J	mg/kg	586	33.7	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	4.68	0.604	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Silver, Total	1.96		mg/kg	1.17	0.663	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Sodium, Total	182	J	mg/kg	468	7.38	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	4.68	0.738	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Vanadium, Total	11.8		mg/kg	2.34	0.475	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL
Zinc, Total	469		mg/kg	11.7	0.686	5	03/18/24 22:00	03/20/24 20:14	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2413849

Project Number: 4461.0001B002 **Report Date:** 03/21/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-04 Batch: WG1897699-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Arsenic, Total	0.094	J	mg/kg	0.400	0.083	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Iron, Total	0.549	J	mg/kg	2.00	0.361	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Sodium, Total	1.60	J	mg/kg	80.0	1.26	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	03/18/24 22:00	03/20/24 14:42	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-04 Batch: WG1897700-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/18/24 22:50	03/19/24 09:51	1,7471B	GMG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2413849
Report Date: 03/21/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2413849

Report Date: 03/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04 Batch: WG1897699-2 SRM Lot Number: D123-540								
Aluminum, Total	54		-		53-147	-		
Antimony, Total	125		-		2-201	-		
Arsenic, Total	94		-		82-118	-		
Barium, Total	83		-		82-118	-		
Beryllium, Total	88		-		83-117	-		
Cadmium, Total	90		-		83-118	-		
Calcium, Total	86		-		82-118	-		
Chromium, Total	97		-		81-118	-		
Cobalt, Total	93		-		83-117	-		
Copper, Total	89		-		83-117	-		
Iron, Total	78		-		58-142	-		
Lead, Total	94		-		82-119	-		
Magnesium, Total	78		-		75-124	-		
Manganese, Total	89		-		81-119	-		
Nickel, Total	94		-		82-118	-		
Potassium, Total	74		-		72-128	-		
Selenium, Total	94		-		81-119	-		
Silver, Total	96		-		79-120	-		
Sodium, Total	95		-		74-126	-		
Thallium, Total	98		-		81-120	-		
Vanadium, Total	91		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2413849

Report Date: 03/21/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04 Batch: WG1897699-2 SRM Lot Number: D123-540					
Zinc, Total	93	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 02-04 Batch: WG1897700-2 SRM Lot Number: D123-540					
Mercury, Total	80	-	67-132	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2413849
Report Date: 03/21/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04 QC Batch ID: WG1897699-3 QC Sample: L2413555-01 Client ID: MS Sample												
Aluminum, Total	1180	204	1740	**274**	Q	-	-		75-125	-		20
Antimony, Total	ND	51	48.6	95		-	-		75-125	-		20
Arsenic, Total	2.60J	12.2	13.1	107		-	-		75-125	-		20
Barium, Total	12.8	204	224	103		-	-		75-125	-		20
Beryllium, Total	0.107J	5.1	5.30	104		-	-		75-125	-		20
Cadmium, Total	ND	5.41	5.13	95		-	-		75-125	-		20
Calcium, Total	8110	1020	6560	**0**	Q	-	-		75-125	-		20
Chromium, Total	5.70	20.4	26.5	102		-	-		75-125	-		20
Cobalt, Total	0.954J	51	49.9	98		-	-		75-125	-		20
Copper, Total	341	25.5	213	**0**	Q	-	-		75-125	-		20
Iron, Total	4000	102	2890	**0**	Q	-	-		75-125	-		20
Lead, Total	24.4	54.1	76.4	96		-	-		75-125	-		20
Magnesium, Total	166	1020	1200	101		-	-		75-125	-		20
Manganese, Total	7.31	51	57.7	99		-	-		75-125	-		20
Nickel, Total	2.17J	51	52.6	103		-	-		75-125	-		20
Potassium, Total	48.3J	1020	1130	111		-	-		75-125	-		20
Selenium, Total	ND	12.2	10.2	83		-	-		75-125	-		20
Silver, Total	ND	5.1	5.37	105		-	-		75-125	-		20
Sodium, Total	133J	1020	1200	118		-	-		75-125	-		20
Thallium, Total	ND	12.2	12.1	99		-	-		75-125	-		20
Vanadium, Total	4.66	51	55.1	99		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2413849
Report Date: 03/21/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04 QC Batch ID: WG1897699-3 QC Sample: L2413555-01 Client ID: MS Sample									
Zinc, Total	31.2	51	79.2	94	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 02-04 QC Batch ID: WG1897700-3 QC Sample: L2409778-34 Client ID: MS Sample									
Mercury, Total	0.942	1.28	2.10	90	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2413849
Report Date: 03/21/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04 QC Batch ID: WG1897699-4 QC Sample: L2413555-01 Client ID: DUP Sample						
Arsenic, Total	2.60J	2.09J	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 02-04 QC Batch ID: WG1897700-4 QC Sample: L2409778-34 Client ID: DUP Sample						
Mercury, Total	0.942	1.75	mg/kg	**60**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2413849
Report Date: 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-01
Client ID: TP-14 1-2
Sample Location: BUFFALO, NY

Date Collected: 03/13/24 08:00
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.2		%	0.100	NA	1	-	03/15/24 07:33	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2413849
Report Date: 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-02
Client ID: TP-15 0.5-1
Sample Location: BUFFALO, NY

Date Collected: 03/13/24 14:00
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	03/15/24 07:33	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2413849
Report Date: 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-03
Client ID: TP-16 1-2
Sample Location: BUFFALO, NY

Date Collected: 03/13/24 11:00
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	03/15/24 07:33	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2413849
Report Date: 03/21/24

SAMPLE RESULTS

Lab ID: L2413849-04
Client ID: TP-17 1-3
Sample Location: BUFFALO, NY

Date Collected: 03/13/24 09:30
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.6		%	0.100	NA	1	-	03/15/24 07:33	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2413849

Report Date: 03/21/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1896595-1 QC Sample: L2413929-01 Client ID: DUP Sample						
Solids, Total	58.9	58.4	%	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2413849
Report Date: 03/21/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2413849-01A	5 gram Encore Sampler	A	NA		5.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2413849-01B	5 gram Encore Sampler	A	NA		5.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2413849-01C	5 gram Encore Sampler	A	NA		5.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2413849-01D	Glass 120ml/4oz unpreserved	A	NA		5.2	Y	Absent		NYTCL-8270(14),TS(7)
L2413849-01X	Vial MeOH preserved split	A	NA		5.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2413849-01Y	Vial Water preserved split	A	NA		5.2	Y	Absent	15-MAR-24 07:38	NYTCL-8260HLW-R2(14)
L2413849-01Z	Vial Water preserved split	A	NA		5.2	Y	Absent	15-MAR-24 07:38	NYTCL-8260HLW-R2(14)
L2413849-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2413849-02B	Plastic 2oz unpreserved for TS	A	NA		5.2	Y	Absent		TS(7)
L2413849-02C	Glass 250ml/8oz unpreserved	A	NA		5.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2413849-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2413849-03B	Plastic 2oz unpreserved for TS	A	NA		5.2	Y	Absent		TS(7)
L2413849-03C	Glass 120ml/4oz unpreserved	A	NA		5.2	Y	Absent		NYTCL-8270(14)
L2413849-04A	5 gram Encore Sampler	A	NA		5.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2413849-04B	5 gram Encore Sampler	A	NA		5.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2413849-04C	5 gram Encore Sampler	A	NA		5.2	Y	Absent		NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2413849
Report Date: 03/21/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2413849-04D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2413849-04E	Plastic 2oz unpreserved for TS	A	NA		5.2	Y	Absent		TS(7)
L2413849-04F	Glass 120ml/4oz unpreserved	A	NA		5.2	Y	Absent		NYTCL-8270(14)
L2413849-04X	Vial MeOH preserved split	A	NA		5.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2413849-04Y	Vial Water preserved split	A	NA		5.2	Y	Absent	15-MAR-24 07:38	NYTCL-8260HLW-R2(14)
L2413849-04Z	Vial Water preserved split	A	NA		5.2	Y	Absent	15-MAR-24 07:38	NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2413849
Project Number:	4461.0001B002	**Report Date:**	03/21/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2413849
Project Number:	4461.0001B002	**Report Date:**	03/21/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2413849
Project Number:	4461.0001B002	**Report Date:**	03/21/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2413849
Project Number:	4461.0001B002	**Report Date:**	03/21/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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TEL: 508-898-9220
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Mansfield, MA 02048
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FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 3/15/24

ALPHA Job #: L2413849

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@Rouxinc.com

Project Information

Project Name: 1681-1689 main Street
Project Location: Buffalo, NY
Project # 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time

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

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL 8260+TICs	NYTCL 8270+TICs	Total Hg Total Metals	NYTCL-8082	Total Bottle	Sample Specific Comments
13849-01	TP-14 1-2	3-13-24	0800	Soil	CEH	X	X				
02	TP-15 0.5-1	3-13-24	1400	Soil	CEH		X	X	X		
03	TP-16 1-2	3-13-24	1100	Soil	CEH		X	X			
04	TP-17 1-3	3-13-24	0930	Soil	CEH	X	X	X			
Container Type						E	A	A			
Preservative						A	A	A			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Charles Habeeb	3-13-24/1530	R. Bishop	3-14-24 11:12
R Bishop	3-14-24 11:55		3/15/24 0050

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2414624
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	04/01/24

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

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

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2414624
Report Date: 04/01/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2414624-01	MW-1 4-7	SOIL	Not Specified	03/18/24 09:15	03/18/24
L2414624-02	MW-1 10-12	SOIL	Not Specified	03/18/24 09:30	03/18/24
L2414624-03	MW-2 4-5	SOIL	Not Specified	03/18/24 13:15	03/18/24
L2414624-04	MW-3 5-6	SOIL	Not Specified	03/18/24 12:45	03/18/24
L2414624-05	MW-4 5-6	SOIL	Not Specified	03/18/24 11:00	03/18/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2414624
Project Number:	4461.0001B002	**Report Date:**	04/01/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2414624
Project Number:	4461.0001B002	**Report Date:**	04/01/24

Case Narrative (continued)

Report Submission

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

Total Metals

L2414624-01 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 04/01/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-03
Client ID: MW-2 4-5
Sample Location: Not Specified

Date Collected: 03/18/24 13:15
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/29/24 01:13
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.89	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.89	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.89	0.11	1
Dibromochloromethane	ND		ug/kg	0.89	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.89	0.24	1
Tetrachloroethene	ND		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.62	1
1,2-Dichloroethane	ND		ug/kg	0.89	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.15	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.89	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.15	1
Benzene	ND		ug/kg	0.44	0.15	1
Toluene	ND		ug/kg	0.89	0.48	1
Ethylbenzene	ND		ug/kg	0.89	0.12	1
Chloromethane	ND		ug/kg	3.6	0.83	1
Bromomethane	ND		ug/kg	1.8	0.52	1
Vinyl chloride	ND		ug/kg	0.89	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.89	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-03 Date Collected: 03/18/24 13:15

Client ID: MW-2 4-5 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.50	1
o-Xylene	ND		ug/kg	0.89	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.89	0.16	1
Styrene	ND		ug/kg	0.89	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.9	0.81	1
Acetone	ND		ug/kg	8.9	4.3	1
Carbon disulfide	ND		ug/kg	8.9	4.0	1
2-Butanone	ND		ug/kg	8.9	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	8.9	1.1	1
2-Hexanone	ND		ug/kg	8.9	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.89	0.25	1
n-Butylbenzene	ND		ug/kg	0.89	0.15	1
sec-Butylbenzene	ND		ug/kg	0.89	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.89	1
Isopropylbenzene	ND		ug/kg	0.89	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.89	0.10	1
n-Propylbenzene	ND		ug/kg	0.89	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
Methyl Acetate	ND		ug/kg	3.6	0.84	1
Cyclohexane	ND		ug/kg	8.9	0.48	1
1,4-Dioxane	ND		ug/kg	71	31.	1
Freon-113	ND		ug/kg	3.6	0.62	1
Methyl cyclohexane	ND		ug/kg	3.6	0.54	1

Tentatively Identified Compounds				
Total TIC Compounds	2.46	J	ug/kg	1
Unknown	2.46	J	ug/kg	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-03 Date Collected: 03/18/24 13:15

Client ID: MW-2 4-5 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	109		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-05
Client ID: MW-4 5-6
Sample Location: Not Specified

Date Collected: 03/18/24 11:00
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/29/24 01:36
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-05 Date Collected: 03/18/24 11:00

Client ID: MW-4 5-6 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	ND		ug/kg	9.8	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
Methyl Acetate	ND		ug/kg	3.9	0.93	1
Cyclohexane	ND		ug/kg	9.8	0.53	1
1,4-Dioxane	ND		ug/kg	78	34.	1
Freon-113	ND		ug/kg	3.9	0.68	1
Methyl cyclohexane	ND		ug/kg	3.9	0.59	1

Tentatively Identified Compounds				
Total TIC Compounds	2.80	J	ug/kg	1
Unknown	2.80	J	ug/kg	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-05 Date Collected: 03/18/24 11:00

Client ID: MW-4 5-6 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	109		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/28/24 20:58
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,05 Batch: WG1902594-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/28/24 20:58
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,05 Batch: WG1902594-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/28/24 20:58
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,05 Batch: WG1902594-5					
Tentatively Identified Compounds					
Total TIC Compounds	6.03	J	ug/kg		
Unknown	3.47	J	ug/kg		
Unknown	2.56	J	ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,05 Batch: WG1902594-3 WG1902594-4								
Methylene chloride	79		79		70-130	0		30
1,1-Dichloroethane	96		96		70-130	0		30
Chloroform	93		94		70-130	1		30
Carbon tetrachloride	112		102		70-130	9		30
1,2-Dichloropropane	98		101		70-130	3		30
Dibromochloromethane	104		110		70-130	6		30
1,1,2-Trichloroethane	95		102		70-130	7		30
Tetrachloroethene	96		99		70-130	3		30
Chlorobenzene	85		88		70-130	3		30
Trichlorofluoromethane	71		71		70-139	0		30
1,2-Dichloroethane	100		103		70-130	3		30
1,1,1-Trichloroethane	100		101		70-130	1		30
Bromodichloromethane	100		102		70-130	2		30
trans-1,3-Dichloropropene	97		103		70-130	6		30
cis-1,3-Dichloropropene	98		100		70-130	2		30
Bromoform	94		103		70-130	9		30
1,1,2,2-Tetrachloroethane	83		94		70-130	12		30
Benzene	92		93		70-130	1		30
Toluene	85		89		70-130	5		30
Ethylbenzene	85		88		70-130	3		30
Chloromethane	104		104		52-130	0		30
Bromomethane	**56**	Q	**56**	Q	57-147	0		30
Vinyl chloride	77		77		67-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,05 Batch: WG1902594-3 WG1902594-4								
Chloroethane	62		63		50-151	2		30
1,1-Dichloroethene	66		65		65-135	2		30
trans-1,2-Dichloroethene	92		93		70-130	1		30
Trichloroethene	98		98		70-130	0		30
1,2-Dichlorobenzene	82		88		70-130	7		30
1,3-Dichlorobenzene	80		85		70-130	6		30
1,4-Dichlorobenzene	79		85		70-130	7		30
Methyl tert butyl ether	95		100		66-130	5		30
p/m-Xylene	82		85		70-130	4		30
o-Xylene	82		85		70-130	4		30
cis-1,2-Dichloroethene	92		92		70-130	0		30
Styrene	84		87		70-130	4		30
Dichlorodifluoromethane	91		89		30-146	2		30
Acetone	82		83		54-140	1		30
Carbon disulfide	62		62		59-130	0		30
2-Butanone	84		84		70-130	0		30
4-Methyl-2-pentanone	83		90		70-130	8		30
2-Hexanone	85		92		70-130	8		30
Bromochloromethane	90		89		70-130	1		30
1,2-Dibromoethane	97		102		70-130	5		30
n-Butylbenzene	80		85		70-130	6		30
sec-Butylbenzene	80		86		70-130	7		30
1,2-Dibromo-3-chloropropane	75		86		68-130	14		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,05 Batch: WG1902594-3 WG1902594-4								
Isopropylbenzene	81		86		70-130	6		30
p-Isopropyltoluene	80		84		70-130	5		30
n-Propylbenzene	80		86		70-130	7		30
1,2,3-Trichlorobenzene	88		93		70-130	6		30
1,2,4-Trichlorobenzene	85		90		70-130	6		30
1,3,5-Trimethylbenzene	80		85		70-130	6		30
1,2,4-Trimethylbenzene	81		86		70-130	6		30
Methyl Acetate	95		97		51-146	2		30
Cyclohexane	91		92		59-142	1		30
1,4-Dioxane	75		81		65-136	8		30
Freon-113	66		66		50-139	0		30
Methyl cyclohexane	82		83		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		110		70-130
Toluene-d8	98		100		70-130
4-Bromofluorobenzene	101		103		70-130
Dibromofluoromethane	105		105		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2414624
Report Date: 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-01
Client ID: MW-1 4-7
Sample Location: Not Specified

Date Collected: 03/18/24 09:15
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/30/24 11:53
Analyst: EK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/29/24 23:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-01 Date Collected: 03/18/24 09:15

Client ID: MW-1 4-7 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-01 Date Collected: 03/18/24 09:15

Client ID: MW-1 4-7 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
Total TIC Compounds	480	J	ug/kg			1
Unknown	244	J	ug/kg			1
Unknown	236	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	60		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2414624
Report Date: 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-01
Client ID: MW-1 4-7
Sample Location: Not Specified

Date Collected: 03/18/24 09:15
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 03/30/24 18:17
Analyst: ANH
Percent Solids: 85%

Extraction Method: EPA 1633
Extraction Date: 03/28/24 18:00
Cleanup Method: EPA 1633
Cleanup Date: 03/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.784	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.392	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.196	0.042	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.784	0.079	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.196	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.196	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.196	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.196	0.058	1
Perfluorooctanoic Acid (PFOA)	0.058	J	ng/g	0.196	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.784	0.274	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.043	J	ng/g	0.196	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.196	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	6.93		ng/g	0.196	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.196	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.784	0.380	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.196	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.196	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.196	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.196	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.196	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.196	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.196	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.196	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.196	0.104	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.784	0.097	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.784	0.144	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.196	0.038	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-01 Date Collected: 03/18/24 09:15

Client ID: MW-1 4-7 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.784	0.192	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.784	0.164	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.196	0.098	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.196	0.110	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.96	0.246	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.96	0.500	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.392	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.392	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.392	0.082	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.392	0.093	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.981	0.141	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.90	0.495	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.90	1.73	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-01 Date Collected: 03/18/24 09:15

Client ID: MW-1 4-7 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	72		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	69		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	94		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	111		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	79		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	86		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	71		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	67		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	92		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	61		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	61		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	76		20-150

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-02
Client ID: MW-1 10-12
Sample Location: Not Specified

Date Collected: 03/18/24 09:30
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/30/24 12:18
Analyst: EK
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 03/29/24 23:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-02 Date Collected: 03/18/24 09:30
Client ID: MW-1 10-12 Date Received: 03/18/24
Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-02 Date Collected: 03/18/24 09:30

Client ID: MW-1 10-12 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	61		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2414624
Report Date: 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-02
Client ID: MW-1 10-12
Sample Location: Not Specified

Date Collected: 03/18/24 09:30
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 03/30/24 18:29
Analyst: ANH
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 03/28/24 18:00
Cleanup Method: EPA 1633
Cleanup Date: 03/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.795	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.397	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.795	0.080	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.795	0.278	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.199	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.795	0.385	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.795	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.795	0.145	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.038	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-02 Date Collected: 03/18/24 09:30

Client ID: MW-1 10-12 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.795	0.195	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.795	0.166	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.099	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.111	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.249	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.507	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.397	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.397	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.397	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.397	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.994	0.143	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.97	0.502	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.97	1.75	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-02 Date Collected: 03/18/24 09:30

Client ID: MW-1 10-12 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	72		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	74		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	68		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	127		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	99		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	77		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	75		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	86		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	63		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	58		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	59		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	77		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	79		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2414624
Report Date: 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-03
Client ID: MW-2 4-5
Sample Location: Not Specified

Date Collected: 03/18/24 13:15
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/30/24 12:42
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/29/24 20:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-03 Date Collected: 03/18/24 13:15

Client ID: MW-2 4-5 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-03 Date Collected: 03/18/24 13:15

Client ID: MW-2 4-5 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	90		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2414624
Report Date: 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-04
Client ID: MW-3 5-6
Sample Location: Not Specified

Date Collected: 03/18/24 12:45
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/30/24 13:06
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/29/24 20:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-04 Date Collected: 03/18/24 12:45

Client ID: MW-3 5-6 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	31.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-04 Date Collected: 03/18/24 12:45

Client ID: MW-3 5-6 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	81		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2414624
Report Date: 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-05
Client ID: MW-4 5-6
Sample Location: Not Specified

Date Collected: 03/18/24 11:00
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/30/24 13:30
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/29/24 20:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-05 Date Collected: 03/18/24 11:00

Client ID: MW-4 5-6 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-05 Date Collected: 03/18/24 11:00

Client ID: MW-4 5-6 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	77		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2414624
Report Date: 04/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/30/24 13:55
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 03/28/24 18:00
Cleanup Method: EPA 1633
Cleanup Date: 03/29/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-02 Batch: WG1902145-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2414624
Report Date: 04/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/30/24 13:55
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 03/28/24 18:00
Cleanup Method: EPA 1633
Cleanup Date: 03/29/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-02 Batch: WG1902145-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 03/30/24 13:55
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 03/28/24 18:00
Cleanup Method: EPA 1633
Cleanup Date: 03/29/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-02 Batch: WG1902145-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	112		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	83		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	86		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	68		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	84		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	101		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	89		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	63		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	96		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	85		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	67		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	94		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	47		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	93		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	53		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	52		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	64		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	67		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2414624
Report Date: 04/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/30/24 10:53
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 03/29/24 16:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1902651-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	100	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/30/24 10:53
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 03/29/24 16:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1902651-1					
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	69.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2414624
Report Date: 04/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/30/24 10:53
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 03/29/24 16:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1902651-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	34.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	79		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1902145-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	111		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	112		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	114		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	119		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	96		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	109		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	116		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	112		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	101		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	109		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	101		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	109		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	118		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	109		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	130		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	106		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	91		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	124		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	94		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	108		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	128		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	103		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1902145-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	96		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	94		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	129		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	124		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	70		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	106		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	92		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	113		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	89		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	117		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	123		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	113		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	113		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	120		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	134		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	100		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	99		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	122		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1902145-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	91				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	74				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	75				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	73				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	96				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	94				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	92				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	97				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	65				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	91				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	70				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	73				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	77				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	85				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1902145-3								
Perfluorobutanoic Acid (PFBA)	92		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	102		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	102		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	108		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	104		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	113		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	98		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	98		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	91		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	95		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	88		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	110		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	101		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	92		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	101		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	87		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	84		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	105		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	86		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	103		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	94		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	95		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1902145-3								
Perfluorotridecanoic Acid (PFTrDA)	81		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	88		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	107		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	102		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	60		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	89		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	80		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	86		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	81		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	102		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	92		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	106		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	107		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	115		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	130		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	100		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	90		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	111		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1902145-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	92				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	79				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	80				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	87				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	93				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	118				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	84				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	97				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	89				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	75				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	59				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	95				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	71				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	73				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	88				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	89				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1902651-2 WG1902651-3								
Acenaphthene	71		66		31-137	7		50
Hexachlorobenzene	82		73		40-140	12		50
Bis(2-chloroethyl)ether	63		56		40-140	12		50
2-Chloronaphthalene	73		65		40-140	12		50
3,3'-Dichlorobenzidine	75		67		40-140	11		50
2,4-Dinitrotoluene	92		83		40-132	10		50
2,6-Dinitrotoluene	89		80		40-140	11		50
Fluoranthene	75		69		40-140	8		50
4-Chlorophenyl phenyl ether	73		68		40-140	7		50
4-Bromophenyl phenyl ether	79		72		40-140	9		50
Bis(2-chloroisopropyl)ether	58		51		40-140	13		50
Bis(2-chloroethoxy)methane	73		66		40-117	10		50
Hexachlorobutadiene	77		67		40-140	14		50
Hexachlorocyclopentadiene	62		54		40-140	14		50
Hexachloroethane	69		59		40-140	16		50
Isophorone	70		62		40-140	12		50
Naphthalene	69		61		40-140	12		50
Nitrobenzene	73		65		40-140	12		50
NDPA/DPA	76		70		36-157	8		50
n-Nitrosodi-n-propylamine	72		66		32-121	9		50
Bis(2-ethylhexyl)phthalate	86		76		40-140	12		50
Butyl benzyl phthalate	91		83		40-140	9		50
Di-n-butylphthalate	85		76		40-140	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1902651-2 WG1902651-3								
Di-n-octylphthalate	91		81		40-140	12		50
Diethyl phthalate	80		71		40-140	12		50
Dimethyl phthalate	78		70		40-140	11		50
Benzo(a)anthracene	75		69		40-140	8		50
Benzo(a)pyrene	79		71		40-140	11		50
Benzo(b)fluoranthene	80		72		40-140	11		50
Benzo(k)fluoranthene	74		68		40-140	8		50
Chrysene	72		66		40-140	9		50
Acenaphthylene	72		66		40-140	9		50
Anthracene	76		71		40-140	7		50
Benzo(ghi)perylene	71		64		40-140	10		50
Fluorene	70		64		40-140	9		50
Phenanthrene	74		68		40-140	8		50
Dibenzo(a,h)anthracene	74		68		40-140	8		50
Indeno(1,2,3-cd)pyrene	74		68		40-140	8		50
Pyrene	76		70		35-142	8		50
Biphenyl	73		66		37-127	10		50
4-Chloroaniline	55		53		40-140	4		50
2-Nitroaniline	92		85		47-134	8		50
3-Nitroaniline	72		65		26-129	10		50
4-Nitroaniline	80		68		41-125	16		50
Dibenzofuran	73		66		40-140	10		50
2-Methylnaphthalene	71		64		40-140	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1902651-2 WG1902651-3								
1,2,4,5-Tetrachlorobenzene	78		69		40-117	12		50
Acetophenone	82		73		14-144	12		50
2,4,6-Trichlorophenol	85		77		30-130	10		50
p-Chloro-m-cresol	82		73		26-103	12		50
2-Chlorophenol	71		62		25-102	14		50
2,4-Dichlorophenol	75		68		30-130	10		50
2,4-Dimethylphenol	80		69		30-130	15		50
2-Nitrophenol	85		76		30-130	11		50
4-Nitrophenol	83		73		11-114	13		50
2,4-Dinitrophenol	63		64		4-130	2		50
4,6-Dinitro-o-cresol	93		84		10-130	10		50
Pentachlorophenol	81		74		17-109	9		50
Phenol	78		69		26-90	12		50
2-Methylphenol	72		63		30-130.	13		50
3-Methylphenol/4-Methylphenol	72		65		30-130	10		50
2,4,5-Trichlorophenol	86		77		30-130	11		50
Carbazole	79		72		54-128	9		50
Atrazine	84		74		40-140	13		50
Benzaldehyde	62		54		40-140	14		50
Caprolactam	90		80		15-130	12		50
2,3,4,6-Tetrachlorophenol	84		75		40-140	11		50
1,4-Dioxane	53		40		40-140	28		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1902651-2 WG1902651-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		64		25-120
Phenol-d6	72		64		10-120
Nitrobenzene-d5	78		69		23-120
2-Fluorobiphenyl	76		66		30-120
2,4,6-Tribromophenol	99		87		10-136
4-Terphenyl-d14	79		73		18-120

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2414624
Report Date: 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-01
Client ID: MW-1 4-7
Sample Location: Not Specified

Date Collected: 03/18/24 09:15
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/30/24 10:26
Analyst: EMR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/29/24 21:35
Cleanup Method: EPA 3665A
Cleanup Date: 03/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.1	4.80	1	A
Aroclor 1221	ND		ug/kg	54.1	5.42	1	A
Aroclor 1232	ND		ug/kg	54.1	11.5	1	A
Aroclor 1242	ND		ug/kg	54.1	7.29	1	A
Aroclor 1248	ND		ug/kg	54.1	8.12	1	A
Aroclor 1254	9.83	J	ug/kg	54.1	5.92	1	B
Aroclor 1260	ND		ug/kg	54.1	10.0	1	A
Aroclor 1262	ND		ug/kg	54.1	6.87	1	A
Aroclor 1268	ND		ug/kg	54.1	5.60	1	A
PCBs, Total	9.83	J	ug/kg	54.1	4.80	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: 1681-1689 MAIN STREET
Lab Number: L2414624
Project Number: 4461.0001B002
Report Date: 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-02
Client ID: MW-1 10-12
Sample Location: Not Specified

Date Collected: 03/18/24 09:30
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/30/24 10:36
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 03/29/24 21:35
Cleanup Method: EPA 3665A
Cleanup Date: 03/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.1	5.24	1	A
Aroclor 1221	ND		ug/kg	59.1	5.92	1	A
Aroclor 1232	ND		ug/kg	59.1	12.5	1	A
Aroclor 1242	ND		ug/kg	59.1	7.96	1	A
Aroclor 1248	ND		ug/kg	59.1	8.86	1	A
Aroclor 1254	ND		ug/kg	59.1	6.46	1	A
Aroclor 1260	ND		ug/kg	59.1	10.9	1	A
Aroclor 1262	ND		ug/kg	59.1	7.50	1	A
Aroclor 1268	ND		ug/kg	59.1	6.12	1	A
PCBs, Total	ND		ug/kg	59.1	5.24	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 1681-1689 MAIN STREET
Lab Number: L2414624
Project Number: 4461.0001B002
Report Date: 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-05
Client ID: MW-4 5-6
Sample Location: Not Specified

Date Collected: 03/18/24 11:00
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/31/24 11:12
Analyst: RMP
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/30/24 08:19
Cleanup Method: EPA 3665A
Cleanup Date: 03/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/31/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.3	4.82	1	A
Aroclor 1221	ND		ug/kg	54.3	5.44	1	A
Aroclor 1232	ND		ug/kg	54.3	11.5	1	A
Aroclor 1242	ND		ug/kg	54.3	7.32	1	A
Aroclor 1248	ND		ug/kg	54.3	8.14	1	A
Aroclor 1254	ND		ug/kg	54.3	5.94	1	A
Aroclor 1260	ND		ug/kg	54.3	10.0	1	A
Aroclor 1262	ND		ug/kg	54.3	6.90	1	A
Aroclor 1268	ND		ug/kg	54.3	5.62	1	A
PCBs, Total	ND		ug/kg	54.3	4.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2414624
Report Date: 04/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/30/24 08:35
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 03/29/24 20:02
Cleanup Method: EPA 3665A
Cleanup Date: 03/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1902709-1						
Aroclor 1016	ND		ug/kg	48.3	4.29	A
Aroclor 1221	ND		ug/kg	48.3	4.84	A
Aroclor 1232	ND		ug/kg	48.3	10.2	A
Aroclor 1242	ND		ug/kg	48.3	6.51	A
Aroclor 1248	ND		ug/kg	48.3	7.25	A
Aroclor 1254	ND		ug/kg	48.3	5.28	A
Aroclor 1260	ND		ug/kg	48.3	8.93	A
Aroclor 1262	ND		ug/kg	48.3	6.14	A
Aroclor 1268	ND		ug/kg	48.3	5.00	A
PCBs, Total	ND		ug/kg	48.3	4.29	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2414624
Report Date: 04/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/31/24 10:48
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 03/30/24 08:19
Cleanup Method: EPA 3665A
Cleanup Date: 03/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/31/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05 Batch: WG1902824-1						
Aroclor 1016	ND		ug/kg	47.9	4.26	A
Aroclor 1221	ND		ug/kg	47.9	4.80	A
Aroclor 1232	ND		ug/kg	47.9	10.2	A
Aroclor 1242	ND		ug/kg	47.9	6.46	A
Aroclor 1248	ND		ug/kg	47.9	7.19	A
Aroclor 1254	ND		ug/kg	47.9	5.24	A
Aroclor 1260	ND		ug/kg	47.9	8.86	A
Aroclor 1262	ND		ug/kg	47.9	6.09	A
Aroclor 1268	ND		ug/kg	47.9	4.97	A
PCBs, Total	ND		ug/kg	47.9	4.26	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1902709-2 WG1902709-3									
Aroclor 1016	76		84		40-140	10		50	A
Aroclor 1260	76		81		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		78		30-150	A
Decachlorobiphenyl	75		82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		77		30-150	B
Decachlorobiphenyl	70		74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05 Batch: WG1902824-2 WG1902824-3									
Aroclor 1016	80		84		40-140	5		50	A
Aroclor 1260	75		82		40-140	9		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		81		30-150	A
Decachlorobiphenyl	74		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		85		30-150	B
Decachlorobiphenyl	74		81		30-150	B

PESTICIDES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2414624
Report Date: 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-01
Client ID: MW-1 4-7
Sample Location: Not Specified

Date Collected: 03/18/24 09:15
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/30/24 12:40
Analyst: JAG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/29/24 21:52
Cleanup Method: EPA 3620B
Cleanup Date: 03/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.770	0.344	1	A
Alpha-BHC	ND		ug/kg	0.770	0.219	1	A
Beta-BHC	ND		ug/kg	1.85	0.701	1	A
Heptachlor	ND		ug/kg	0.924	0.414	1	A
Aldrin	ND		ug/kg	1.85	0.651	1	A
Heptachlor epoxide	ND		ug/kg	3.47	1.04	1	A
Endrin	ND		ug/kg	0.770	0.316	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.809	1	A
Endrin ketone	ND		ug/kg	1.85	0.476	1	A
Dieldrin	ND		ug/kg	1.16	0.578	1	A
4,4'-DDE	ND		ug/kg	1.85	0.428	1	A
4,4'-DDD	ND		ug/kg	1.85	0.659	1	A
4,4'-DDT	ND		ug/kg	1.85	1.49	1	A
Endosulfan I	ND		ug/kg	1.85	0.437	1	A
Endosulfan II	ND		ug/kg	1.85	0.618	1	A
Endosulfan sulfate	ND		ug/kg	0.770	0.367	1	A
Methoxychlor	ND		ug/kg	3.47	1.08	1	A
Toxaphene	ND		ug/kg	34.7	9.71	1	A
cis-Chlordane	ND		ug/kg	2.31	0.644	1	A
trans-Chlordane	ND		ug/kg	2.31	0.610	1	A
Chlordane	ND		ug/kg	15.4	6.12	1	A

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-01 Date Collected: 03/18/24 09:15

Client ID: MW-1 4-7 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 1681-1689 MAIN STREET
Lab Number: L2414624
Project Number: 4461.0001B002
Report Date: 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-01
Client ID: MW-1 4-7
Sample Location: Not Specified

Date Collected: 03/18/24 09:15
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 03/29/24 05:53
Analyst: MMG
Percent Solids: 85%
Methylation Date: 03/28/24 15:10

Extraction Method: EPA 8151A
Extraction Date: 03/27/24 15:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.95	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	78		30-150	A
DCAA	77		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2414624
Report Date: 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-02
Client ID: MW-1 10-12
Sample Location: Not Specified

Date Collected: 03/18/24 09:30
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/30/24 12:52
Analyst: JAG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 03/29/24 21:52
Cleanup Method: EPA 3620B
Cleanup Date: 03/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.750	0.335	1	A
Alpha-BHC	ND		ug/kg	0.750	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.682	1	A
Heptachlor	ND		ug/kg	0.900	0.403	1	A
Aldrin	ND		ug/kg	1.80	0.634	1	A
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.750	0.307	1	A
Endrin aldehyde	ND		ug/kg	2.25	0.787	1	A
Endrin ketone	ND		ug/kg	1.80	0.463	1	A
Dieldrin	ND		ug/kg	1.12	0.562	1	A
4,4'-DDE	ND		ug/kg	1.80	0.416	1	A
4,4'-DDD	ND		ug/kg	1.80	0.642	1	A
4,4'-DDT	ND		ug/kg	1.80	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.425	1	A
Endosulfan II	ND		ug/kg	1.80	0.601	1	A
Endosulfan sulfate	ND		ug/kg	0.750	0.357	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.45	1	A
cis-Chlordane	ND		ug/kg	2.25	0.627	1	A
trans-Chlordane	ND		ug/kg	2.25	0.594	1	A
Chlordane	ND		ug/kg	15.0	5.96	1	A

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-02 Date Collected: 03/18/24 09:30

Client ID: MW-1 10-12 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 1681-1689 MAIN STREET
Lab Number: L2414624
Project Number: 4461.0001B002
Report Date: 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-02
Client ID: MW-1 10-12
Sample Location: Not Specified

Date Collected: 03/18/24 09:30
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 03/29/24 06:12
Analyst: MMG
Percent Solids: 84%
Methylation Date: 03/28/24 15:10

Extraction Method: EPA 8151A
Extraction Date: 03/27/24 15:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	196	12.3	1	A
2,4,5-T	ND		ug/kg	196	6.07	1	A
2,4,5-TP (Silvex)	ND		ug/kg	196	5.21	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	75		30-150	A
DCAA	75		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2414624
Report Date: 04/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 03/29/24 04:58
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 03/27/24 15:30

Methylation Date: 03/28/24 15:10

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1901566-1						
2,4-D	ND		ug/kg	165	10.4	A
2,4,5-T	ND		ug/kg	165	5.12	A
2,4,5-TP (Silvex)	ND		ug/kg	165	4.39	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	91		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2414624
Report Date: 04/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/30/24 09:17
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 03/29/24 19:01
Cleanup Method: EPA 3620B
Cleanup Date: 03/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1902700-1						
Delta-BHC	ND		ug/kg	1.54	0.301	A
Lindane	ND		ug/kg	0.640	0.286	A
Alpha-BHC	ND		ug/kg	0.640	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.582	A
Heptachlor	ND		ug/kg	0.768	0.344	A
Aldrin	ND		ug/kg	1.54	0.541	A
Heptachlor epoxide	ND		ug/kg	2.88	0.864	A
Endrin	ND		ug/kg	0.640	0.262	A
Endrin aldehyde	ND		ug/kg	1.92	0.672	A
Endrin ketone	ND		ug/kg	1.54	0.396	A
Dieldrin	ND		ug/kg	0.960	0.480	A
4,4'-DDE	ND		ug/kg	1.54	0.355	A
4,4'-DDD	ND		ug/kg	1.54	0.548	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.363	A
Endosulfan II	ND		ug/kg	1.54	0.513	A
Endosulfan sulfate	ND		ug/kg	0.640	0.305	A
Methoxychlor	ND		ug/kg	2.88	0.896	A
Toxaphene	ND		ug/kg	28.8	8.07	A
cis-Chlordane	ND		ug/kg	1.92	0.535	A
trans-Chlordane	ND		ug/kg	1.92	0.507	A
Chlordane	ND		ug/kg	12.8	5.09	A

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2414624
Report Date: 04/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/30/24 09:17
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 03/29/24 19:01
Cleanup Method: EPA 3620B
Cleanup Date: 03/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1902700-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	75		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1901566-2 WG1901566-3									
2,4-D	83		81		30-150	2		30	A
2,4,5-T	83		86		30-150	4		30	A
2,4,5-TP (Silvex)	83		86		30-150	4		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	73		74		30-150	A
DCAA	80		83		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1902700-2 WG1902700-3									
Delta-BHC	87		89		30-150	2		30	A
Lindane	87		89		30-150	2		30	A
Alpha-BHC	85		89		30-150	5		30	A
Beta-BHC	81		84		30-150	4		30	A
Heptachlor	84		87		30-150	4		30	A
Aldrin	84		86		30-150	2		30	A
Heptachlor epoxide	77		77		30-150	0		30	A
Endrin	88		89		30-150	1		30	A
Endrin aldehyde	81		84		30-150	4		30	A
Endrin ketone	96		98		30-150	2		30	A
Dieldrin	93		93		30-150	0		30	A
4,4'-DDE	87		88		30-150	1		30	A
4,4'-DDD	94		95		30-150	1		30	A
4,4'-DDT	100		101		30-150	1		30	A
Endosulfan I	83		83		30-150	0		30	A
Endosulfan II	91		92		30-150	1		30	A
Endosulfan sulfate	86		88		30-150	2		30	A
Methoxychlor	101		100		30-150	1		30	A
cis-Chlordane	78		79		30-150	1		30	A
trans-Chlordane	85		84		30-150	1		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1902700-2 WG1902700-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		77		30-150	A
Decachlorobiphenyl	78		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		91		30-150	B
Decachlorobiphenyl	77		77		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-01 Date Collected: 03/18/24 09:15

Client ID: MW-1 4-7 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10400		mg/kg	9.13	2.47	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Antimony, Total	0.906	J	mg/kg	4.57	0.347	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Arsenic, Total	6.71		mg/kg	0.913	0.190	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Barium, Total	86.6		mg/kg	0.913	0.159	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Beryllium, Total	0.485		mg/kg	0.457	0.030	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.913	0.090	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Calcium, Total	39600		mg/kg	9.13	3.20	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Chromium, Total	14.8		mg/kg	0.913	0.088	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Cobalt, Total	8.58		mg/kg	1.83	0.152	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Copper, Total	18.7		mg/kg	0.913	0.236	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Iron, Total	22700		mg/kg	9.13	1.65	4	03/27/24 09:45	04/01/24 13:15	EPA 3050B	1,6010D	DHL
Lead, Total	44.0		mg/kg	4.57	0.245	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Magnesium, Total	11000		mg/kg	9.13	1.41	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Manganese, Total	364		mg/kg	0.913	0.145	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.073	0.048	1	03/27/24 11:10	04/01/24 08:18	EPA 7471B	1,7471B	SMV
Nickel, Total	19.8		mg/kg	2.28	0.221	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Potassium, Total	866		mg/kg	228	13.2	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Selenium, Total	ND		mg/kg	1.83	0.236	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.457	0.258	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Sodium, Total	80.4	J	mg/kg	183	2.88	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Thallium, Total	0.378	J	mg/kg	1.83	0.288	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Vanadium, Total	20.1		mg/kg	0.913	0.185	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA
Zinc, Total	72.5		mg/kg	4.57	0.268	2	03/27/24 09:45	03/31/24 18:20	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-02 Date Collected: 03/18/24 09:30

Client ID: MW-1 10-12 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2960		mg/kg	18.4	4.98	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	9.22	0.700	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.90		mg/kg	1.84	0.383	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Barium, Total	58.0		mg/kg	1.84	0.321	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.159	J	mg/kg	0.922	0.061	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.193	J	mg/kg	1.84	0.181	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Calcium, Total	62800		mg/kg	18.4	6.45	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Chromium, Total	6.10		mg/kg	1.84	0.177	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Cobalt, Total	2.59	J	mg/kg	3.69	0.306	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Copper, Total	9.87		mg/kg	1.84	0.476	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Iron, Total	8680		mg/kg	9.22	1.66	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Lead, Total	9.86		mg/kg	9.22	0.494	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Magnesium, Total	25800		mg/kg	18.4	2.84	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Manganese, Total	305		mg/kg	1.84	0.293	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.076	0.050	1	03/27/24 11:10	04/01/24 08:21	EPA 7471B	1,7471B	SMV
Nickel, Total	6.01		mg/kg	4.61	0.446	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Potassium, Total	536		mg/kg	461	26.5	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	3.69	0.476	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.922	0.522	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Sodium, Total	121	J	mg/kg	369	5.81	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	3.69	0.581	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Vanadium, Total	11.0		mg/kg	1.84	0.374	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL
Zinc, Total	82.5		mg/kg	9.22	0.540	4	03/27/24 09:45	04/01/24 13:18	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-03 Date Collected: 03/18/24 13:15

Client ID: MW-2 4-5 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4330		mg/kg	17.4	4.70	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	8.70	0.661	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.26		mg/kg	1.74	0.362	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Barium, Total	43.1		mg/kg	1.74	0.303	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.234	J	mg/kg	0.870	0.057	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	1.74	0.170	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Calcium, Total	67800		mg/kg	17.4	6.09	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Chromium, Total	7.45		mg/kg	1.74	0.167	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Cobalt, Total	3.95		mg/kg	3.48	0.289	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Copper, Total	9.78		mg/kg	1.74	0.449	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Iron, Total	10900		mg/kg	8.70	1.57	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Lead, Total	11.9		mg/kg	8.70	0.466	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Magnesium, Total	27100		mg/kg	17.4	2.68	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Manganese, Total	373		mg/kg	1.74	0.276	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.073	0.048	1	03/27/24 11:10	04/01/24 08:25	EPA 7471B	1,7471B	SMV
Nickel, Total	8.57		mg/kg	4.35	0.421	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Potassium, Total	774		mg/kg	435	25.0	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	3.48	0.449	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.870	0.492	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Sodium, Total	145	J	mg/kg	348	5.48	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Thallium, Total	0.567	J	mg/kg	3.48	0.548	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Vanadium, Total	12.5		mg/kg	1.74	0.353	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL
Zinc, Total	59.9		mg/kg	8.70	0.510	4	03/27/24 09:45	04/01/24 13:22	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-04 Date Collected: 03/18/24 12:45

Client ID: MW-3 5-6 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4180		mg/kg	17.6	4.74	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	8.78	0.667	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.94		mg/kg	1.76	0.365	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Barium, Total	37.1		mg/kg	1.76	0.305	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.216	J	mg/kg	0.878	0.058	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	1.76	0.172	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Calcium, Total	69200		mg/kg	17.6	6.14	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Chromium, Total	6.88		mg/kg	1.76	0.168	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Cobalt, Total	3.16	J	mg/kg	3.51	0.291	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Copper, Total	8.79		mg/kg	1.76	0.453	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Iron, Total	11200		mg/kg	8.78	1.58	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Lead, Total	11.9		mg/kg	8.78	0.470	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Magnesium, Total	29000		mg/kg	17.6	2.70	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Manganese, Total	363		mg/kg	1.76	0.279	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.073	0.048	1	03/27/24 11:10	04/01/24 08:28	EPA 7471B	1,7471B	SMV
Nickel, Total	7.40		mg/kg	4.39	0.425	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Potassium, Total	677		mg/kg	439	25.3	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	3.51	0.453	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.878	0.497	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Sodium, Total	133	J	mg/kg	351	5.53	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	3.51	0.553	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Vanadium, Total	13.2		mg/kg	1.76	0.356	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL
Zinc, Total	42.0		mg/kg	8.78	0.514	4	03/27/24 09:45	04/01/24 13:25	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-05 Date Collected: 03/18/24 11:00

Client ID: MW-4 5-6 Date Received: 03/18/24

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8350		mg/kg	18.1	4.89	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	9.05	0.688	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.41		mg/kg	1.81	0.376	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Barium, Total	78.6		mg/kg	1.81	0.315	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.398	J	mg/kg	0.905	0.060	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	1.81	0.177	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Calcium, Total	77800		mg/kg	18.1	6.34	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Chromium, Total	13.4		mg/kg	1.81	0.174	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.71		mg/kg	3.62	0.300	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Copper, Total	15.2		mg/kg	1.81	0.467	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Iron, Total	16600		mg/kg	9.05	1.63	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Lead, Total	15.0		mg/kg	9.05	0.485	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Magnesium, Total	24900		mg/kg	18.1	2.79	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Manganese, Total	505		mg/kg	1.81	0.288	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.073	0.047	1	03/27/24 11:10	04/01/24 08:31	EPA 7471B	1,7471B	SMV
Nickel, Total	15.3		mg/kg	4.53	0.438	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Potassium, Total	1340		mg/kg	453	26.1	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	3.62	0.467	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.905	0.512	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Sodium, Total	182	J	mg/kg	362	5.70	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Thallium, Total	0.608	J	mg/kg	3.62	0.570	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Vanadium, Total	18.2		mg/kg	1.81	0.368	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL
Zinc, Total	75.8		mg/kg	9.05	0.530	4	03/27/24 09:45	04/01/24 13:29	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2414624

Project Number: 4461.0001B002 **Report Date:** 04/01/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1901221-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Iron, Total	0.607	J	mg/kg	2.00	0.361	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	03/27/24 09:45	03/28/24 19:33	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1901222-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/27/24 11:10	03/29/24 09:05	1,7471B	SMV

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2414624
Report Date: 04/01/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1901221-2								
Aluminum, Total	106		-		48-151	-		
Antimony, Total	108		-		1-208	-		
Arsenic, Total	102		-		79-121	-		
Barium, Total	107		-		83-117	-		
Beryllium, Total	105		-		83-117	-		
Cadmium, Total	103		-		83-117	-		
Calcium, Total	100		-		81-119	-		
Chromium, Total	104		-		80-120	-		
Cobalt, Total	107		-		84-115	-		
Copper, Total	109		-		81-118	-		
Iron, Total	108		-		45-155	-		
Lead, Total	105		-		81-117	-		
Magnesium, Total	106		-		76-124	-		
Manganese, Total	103		-		81-117	-		
Nickel, Total	108		-		83-117	-		
Potassium, Total	112		-		71-129	-		
Selenium, Total	102		-		78-122	-		
Silver, Total	108		-		75-124	-		
Sodium, Total	114		-		72-127	-		
Thallium, Total	105		-		80-120	-		
Vanadium, Total	108		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1901221-2					
Zinc, Total	104	-	82-118	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1901222-2					
Mercury, Total	101	-	72-128	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2414624
Report Date: 04/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1901221-3 QC Sample: L2415793-01 Client ID: MS Sample												
Aluminum, Total	12100	188	12600	**266**	Q	-	-		75-125	-		20
Antimony, Total	0.379J	47	41.8	89		-	-		75-125	-		20
Arsenic, Total	6.65	11.3	16.9	91		-	-		75-125	-		20
Barium, Total	54.9	188	238	97		-	-		75-125	-		20
Beryllium, Total	0.679	4.7	5.05	93		-	-		75-125	-		20
Cadmium, Total	ND	4.98	4.46	89		-	-		75-125	-		20
Calcium, Total	2920	940	3780	91		-	-		75-125	-		20
Chromium, Total	13.1	18.8	30.9	95		-	-		75-125	-		20
Cobalt, Total	5.30	47	47.6	90		-	-		75-125	-		20
Copper, Total	12.2	23.5	36.3	102		-	-		75-125	-		20
Iron, Total	16100	94	16600	**532**	Q	-	-		75-125	-		20
Lead, Total	65.5	49.8	119	107		-	-		75-125	-		20
Magnesium, Total	2010	940	2980	103		-	-		75-125	-		20
Manganese, Total	361	47	395	**72**	Q	-	-		75-125	-		20
Nickel, Total	13.0	47	56.3	92		-	-		75-125	-		20
Potassium, Total	594	940	1580	105		-	-		75-125	-		20
Selenium, Total	ND	11.3	9.75	86		-	-		75-125	-		20
Silver, Total	ND	4.7	4.70	100		-	-		75-125	-		20
Sodium, Total	264	940	1240	104		-	-		75-125	-		20
Thallium, Total	0.699J	11.3	10.7	95		-	-		75-125	-		20
Vanadium, Total	21.2	47	64.6	92		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2414624
Report Date: 04/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1901221-3 QC Sample: L2415793-01 Client ID: MS Sample									
Zinc, Total	35.6	47	81.3	97	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1901222-3 QC Sample: L2415793-01 Client ID: MS Sample									
Mercury, Total	0.081	1.55	1.62	99	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2414624
Report Date: 04/01/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1901221-4 QC Sample: L2415793-01 Client ID: DUP Sample						
Aluminum, Total	12100	11800	mg/kg	3		20
Antimony, Total	0.379J	ND	mg/kg	NC		20
Arsenic, Total	6.65	6.65	mg/kg	0		20
Barium, Total	54.9	54.5	mg/kg	1		20
Beryllium, Total	0.679	0.635	mg/kg	7		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	2920	3630	mg/kg	**22**	Q	20
Chromium, Total	13.1	13.5	mg/kg	3		20
Cobalt, Total	5.30	5.52	mg/kg	4		20
Copper, Total	12.2	13.1	mg/kg	7		20
Iron, Total	16100	16300	mg/kg	1		20
Lead, Total	65.5	70.6	mg/kg	7		20
Magnesium, Total	2010	2070	mg/kg	3		20
Manganese, Total	361	357	mg/kg	1		20
Nickel, Total	13.0	13.7	mg/kg	5		20
Potassium, Total	594	623	mg/kg	5		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	264	272	mg/kg	3		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2414624
Report Date: 04/01/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1901221-4 QC Sample: L2415793-01 Client ID: DUP Sample					
Thallium, Total	0.699J	0.566J	mg/kg	NC	20
Vanadium, Total	21.2	21.6	mg/kg	2	20
Zinc, Total	35.6	41.8	mg/kg	16	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1901222-4 QC Sample: L2415793-01 Client ID: DUP Sample					
Mercury, Total	0.081	0.095	mg/kg	16	20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2414624
Report Date: 04/01/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1901221-6 QC Sample: L2415793-01 Client ID: DUP Sample						
Aluminum, Total	12100	12100	mg/kg	0		20
Barium, Total	54.9	56.2	mg/kg	2		20
Calcium, Total	2920	3830	mg/kg	**31**	Q	20
Iron, Total	16100	18000	mg/kg	12		20
Magnesium, Total	2010	2300	mg/kg	14		20
Manganese, Total	361	376	mg/kg	4		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2414624
Report Date: 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-01
Client ID: MW-1 4-7
Sample Location: Not Specified

Date Collected: 03/18/24 09:15
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	03/19/24 13:33	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2414624
Report Date: 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-02
Client ID: MW-1 10-12
Sample Location: Not Specified

Date Collected: 03/18/24 09:30
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.3		%	0.100	NA	1	-	03/19/24 13:33	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2414624
Report Date: 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-03
Client ID: MW-2 4-5
Sample Location: Not Specified

Date Collected: 03/18/24 13:15
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	03/19/24 13:33	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2414624
Report Date: 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-04
Client ID: MW-3 5-6
Sample Location: Not Specified

Date Collected: 03/18/24 12:45
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	03/19/24 13:33	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2414624
Report Date: 04/01/24

SAMPLE RESULTS

Lab ID: L2414624-05
Client ID: MW-4 5-6
Sample Location: Not Specified

Date Collected: 03/18/24 11:00
Date Received: 03/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	03/19/24 13:33	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2414624

Report Date: 04/01/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1897982-1 QC Sample: L2414624-01 Client ID: MW-1 4-7						
Solids, Total	85.4	83.6	%	2		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2414624
Report Date: 04/01/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2414624-01A	Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2414624-01B	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2414624-01C	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2414624-01D	Plastic 8oz unpreserved	A	NA		4.8	Y	Absent		A2-1633-DRAFT(90)
L2414624-01E	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),HERB-APA(14),TS(7),NYTCL-8081(14),NYTCL-8082(365)
L2414624-02A	Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2414624-02B	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2414624-02C	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2414624-02D	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2414624-02E	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2414624-02F	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2414624-02G	Plastic 8oz unpreserved	A	NA		4.8	Y	Absent		A2-1633-DRAFT(90)
L2414624-03A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2414624-03B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2414624-03C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2414624
Report Date: 04/01/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2414624-03D	Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2414624-03E	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2414624-03F	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14)
L2414624-03X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2414624-03Y	Vial Water preserved split	A	NA		4.8	Y	Absent	19-MAR-24 13:30	NYTCL-8260HLW-R2(14)
L2414624-03Z	Vial Water preserved split	A	NA		4.8	Y	Absent	19-MAR-24 13:30	NYTCL-8260HLW-R2(14)
L2414624-04A	Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2414624-04B	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2414624-04C	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14)
L2414624-05A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2414624-05B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2414624-05C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2414624-05D	Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2414624-05E	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2414624-05F	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2414624-05X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2414624-05Y	Vial Water preserved split	A	NA		4.8	Y	Absent	19-MAR-24 13:30	NYTCL-8260HLW-R2(14)
L2414624-05Z	Vial Water preserved split	A	NA		4.8	Y	Absent	19-MAR-24 13:30	NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2414624
Report Date: 04/01/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2414624
Report Date: 04/01/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2414624
Project Number:	4461.0001B002	**Report Date:**	04/01/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2414624
Project Number:	4461.0001B002	**Report Date:**	04/01/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2414624
Project Number:	4461.0001B002	**Report Date:**	04/01/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2414624
Project Number:	4461.0001B002	**Report Date:**	04/01/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 3/19/24

ALPHA Job #: L2414624

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY, 14218
Phone: 716-856-0599
Fax:
Email: rmunley@Roux inc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location:
Project # 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+CP-51 VOCs+TICs	TCL SVOCs + TICs	TAL metals	PCBs	Pest-S	Herbicides	PFAS	Total Bottle
14624-01	mw-1 4-7	3-18-24	0915	Soil	CEH		X	X	X	X	X	X	
02	mw-1 10-12	↓	0930	↓	↓		X	X	X	X	X	X	
03	mw-2 4-5		1315			X	X	X					
04	mw-3 5-6		1245				X	X					
05	mw-4 5-6	↓	1100	↓	↓	X	X	X	X				

Container Type	E	A	A	A	A	A	P	
Preservative	A	A	A	A	A	A	A	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Charity Hardwick	3-18-24 1530	C Quigley	3-18-24 1530
C Quigley	3-18-24 1531		3/19/24 0030

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2415210
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	04/03/24

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

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

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2415210
Report Date: 04/03/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2415210-01	MW-5 5-8	SOIL	BUFFALO, NY	03/20/24 11:00	03/20/24
L2415210-02	MW-6 5-8	SOIL	BUFFALO, NY	03/20/24 13:00	03/20/24
L2415210-03	MW-7 4-8	SOIL	BUFFALO, NY	03/20/24 09:00	03/20/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2415210
Project Number:	4461.0001B002	**Report Date:**	04/03/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2415210
Project Number:	4461.0001B002	**Report Date:**	04/03/24

Case Narrative (continued)

Report Submission

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

Volatile Organics

L2415210-01: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (133%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

Total Metals

L2415210-01, -02, and -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 04/03/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-01
Client ID: MW-5 5-8
Sample Location: BUFFALO, NY

Date Collected: 03/20/24 11:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/22/24 13:52
Analyst: AJK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-01 Date Collected: 03/20/24 11:00

Client ID: MW-5 5-8 Date Received: 03/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	15		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	2.3		ug/kg	1.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	0.63	J	ug/kg	1.1	0.12	1
p-Isopropyltoluene	0.33	J	ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.59	1
1,4-Dioxane	ND		ug/kg	87	38.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-01 Date Collected: 03/20/24 11:00

Client ID: MW-5 5-8 Date Received: 03/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	492	J	ug/kg			1
Tridecane, 7-methyl-	82.8	NJ	ug/kg			1
Unknown	32.4	J	ug/kg			1
Unknown Alkane	75.4	J	ug/kg			1
Unknown	48.6	J	ug/kg			1
Unknown	43.5	J	ug/kg			1
Unknown	42.2	J	ug/kg			1
Unknown	33.0	J	ug/kg			1
Dodecane, 4-methyl-	39.6	NJ	ug/kg			1
Unknown Alkane	43.0	J	ug/kg			1
Unknown Alkane	51.5	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	**133**	Q	70-130
Dibromofluoromethane	107		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-02
Client ID: MW-6 5-8
Sample Location: BUFFALO, NY

Date Collected: 03/20/24 13:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/22/24 14:15
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.84	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.84	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.84	0.10	1
Dibromochloromethane	ND		ug/kg	0.84	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.84	0.22	1
Tetrachloroethene	ND		ug/kg	0.42	0.16	1
Chlorobenzene	ND		ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.84	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.84	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.84	0.45	1
Ethylbenzene	ND		ug/kg	0.84	0.12	1
Chloromethane	ND		ug/kg	3.3	0.78	1
Bromomethane	ND		ug/kg	1.7	0.48	1
Vinyl chloride	ND		ug/kg	0.84	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.84	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.42	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-02 Date Collected: 03/20/24 13:00

Client ID: MW-6 5-8 Date Received: 03/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.47	1
o-Xylene	ND		ug/kg	0.84	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.84	0.15	1
Styrene	ND		ug/kg	0.84	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.4	0.76	1
Acetone	ND		ug/kg	8.4	4.0	1
Carbon disulfide	ND		ug/kg	8.4	3.8	1
2-Butanone	ND		ug/kg	8.4	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.4	1.1	1
2-Hexanone	ND		ug/kg	8.4	0.99	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.84	0.23	1
n-Butylbenzene	ND		ug/kg	0.84	0.14	1
sec-Butylbenzene	ND		ug/kg	0.84	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.83	1
Isopropylbenzene	ND		ug/kg	0.84	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.84	0.09	1
n-Propylbenzene	ND		ug/kg	0.84	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.28	1
Methyl Acetate	ND		ug/kg	3.3	0.79	1
Cyclohexane	ND		ug/kg	8.4	0.45	1
1,4-Dioxane	ND		ug/kg	67	29.	1
Freon-113	ND		ug/kg	3.3	0.58	1
Methyl cyclohexane	ND		ug/kg	3.3	0.50	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-02 Date Collected: 03/20/24 13:00

Client ID: MW-6 5-8 Date Received: 03/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	104		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-03
Client ID: MW-7 4-8
Sample Location: BUFFALO, NY

Date Collected: 03/20/24 09:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 03/22/24 14:38
Analyst: AJK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-03 Date Collected: 03/20/24 09:00

Client ID: MW-7 4-8 Date Received: 03/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
Methyl Acetate	ND		ug/kg	4.8	1.1	1
Cyclohexane	ND		ug/kg	12	0.66	1
1,4-Dioxane	ND		ug/kg	96	42.	1
Freon-113	ND		ug/kg	4.8	0.83	1
Methyl cyclohexane	ND		ug/kg	4.8	0.73	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-03 Date Collected: 03/20/24 09:00

Client ID: MW-7 4-8 Date Received: 03/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	102		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/22/24 09:39
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1900372-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.23	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/22/24 09:39
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1900372-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/22/24 09:39
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1900372-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1900372-3 WG1900372-4								
Methylene chloride	84		83		70-130	1		30
1,1-Dichloroethane	95		94		70-130	1		30
Chloroform	95		92		70-130	3		30
Carbon tetrachloride	98		95		70-130	3		30
1,2-Dichloropropane	94		93		70-130	1		30
Dibromochloromethane	107		102		70-130	5		30
1,1,2-Trichloroethane	96		91		70-130	5		30
Tetrachloroethene	105		97		70-130	8		30
Chlorobenzene	92		89		70-130	3		30
Trichlorofluoromethane	75		72		70-139	4		30
1,2-Dichloroethane	95		92		70-130	3		30
1,1,1-Trichloroethane	100		98		70-130	2		30
Bromodichloromethane	95		94		70-130	1		30
trans-1,3-Dichloropropene	102		96		70-130	6		30
cis-1,3-Dichloropropene	98		96		70-130	2		30
Bromoform	103		93		70-130	10		30
1,1,2,2-Tetrachloroethane	93		83		70-130	11		30
Benzene	94		91		70-130	3		30
Toluene	94		89		70-130	5		30
Ethylbenzene	92		89		70-130	3		30
Chloromethane	100		95		52-130	5		30
Bromomethane	62		59		57-147	5		30
Vinyl chloride	78		74		67-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1900372-3 WG1900372-4								
Chloroethane	68		66		50-151	3		30
1,1-Dichloroethene	80		78		65-135	3		30
trans-1,2-Dichloroethene	100		98		70-130	2		30
Trichloroethene	98		96		70-130	2		30
1,2-Dichlorobenzene	93		87		70-130	7		30
1,3-Dichlorobenzene	94		88		70-130	7		30
1,4-Dichlorobenzene	93		87		70-130	7		30
Methyl tert butyl ether	94		91		66-130	3		30
p/m-Xylene	90		88		70-130	2		30
o-Xylene	88		86		70-130	2		30
cis-1,2-Dichloroethene	95		94		70-130	1		30
Styrene	90		88		70-130	2		30
Dichlorodifluoromethane	92		87		30-146	6		30
Acetone	82		76		54-140	8		30
Carbon disulfide	72		70		59-130	3		30
2-Butanone	79		70		70-130	12		30
4-Methyl-2-pentanone	87		79		70-130	10		30
2-Hexanone	85		78		70-130	9		30
Bromochloromethane	93		91		70-130	2		30
1,2-Dibromoethane	102		97		70-130	5		30
n-Butylbenzene	98		90		70-130	9		30
sec-Butylbenzene	95		88		70-130	8		30
1,2-Dibromo-3-chloropropane	84		75		68-130	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1900372-3 WG1900372-4								
Isopropylbenzene	98		90		70-130	9		30
p-Isopropyltoluene	98		90		70-130	9		30
n-Propylbenzene	96		89		70-130	8		30
1,2,3-Trichlorobenzene	96		90		70-130	6		30
1,2,4-Trichlorobenzene	99		92		70-130	7		30
1,3,5-Trimethylbenzene	98		89		70-130	10		30
1,2,4-Trimethylbenzene	98		91		70-130	7		30
Methyl Acetate	88		81		51-146	8		30
Cyclohexane	86		85		59-142	1		30
1,4-Dioxane	73		73		65-136	0		30
Freon-113	74		73		50-139	1		30
Methyl cyclohexane	85		81		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		100		70-130
Toluene-d8	102		100		70-130
4-Bromofluorobenzene	110		108		70-130
Dibromofluoromethane	100		101		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-01
Client ID: MW-5 5-8
Sample Location: BUFFALO, NY

Date Collected: 03/20/24 11:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/25/24 05:49
Analyst: SZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 03/24/24 02:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-01 Date Collected: 03/20/24 11:00

Client ID: MW-5 5-8 Date Received: 03/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-01 Date Collected: 03/20/24 11:00

Client ID: MW-5 5-8 Date Received: 03/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	106		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	101		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-01
Client ID: MW-5 5-8
Sample Location: BUFFALO, NY

Date Collected: 03/20/24 11:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 04/01/24 15:05
Analyst: RS
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 03/29/24 13:54
Cleanup Method: EPA 1633
Cleanup Date: 03/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.780	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.390	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.195	0.042	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.780	0.079	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.195	0.045	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.195	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.195	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.195	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.195	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.780	0.273	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.195	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.195	0.076	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.195	0.077	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.195	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.780	0.378	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.195	0.041	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.195	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.195	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.195	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.195	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.195	0.080	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.195	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.195	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.195	0.104	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.780	0.096	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.780	0.143	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.195	0.037	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-01 Date Collected: 03/20/24 11:00

Client ID: MW-5 5-8 Date Received: 03/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.780	0.191	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.780	0.163	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.195	0.098	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.195	0.109	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.95	0.244	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.95	0.498	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.390	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.390	0.030	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.390	0.081	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.390	0.093	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.975	0.140	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.88	0.492	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.88	1.72	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-01 Date Collected: 03/20/24 11:00

Client ID: MW-5 5-8 Date Received: 03/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	75		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	78		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	78		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	66		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	73		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	64		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	76		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	71		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	59		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	69		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	68		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	92		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	99		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	66		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	72		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	82		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	63		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	67		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	76		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	69		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	76		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	69		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	77		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-02
Client ID: MW-6 5-8
Sample Location: BUFFALO, NY

Date Collected: 03/20/24 13:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/25/24 05:03
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/23/24 04:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-02 Date Collected: 03/20/24 13:00
Client ID: MW-6 5-8 Date Received: 03/20/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-02 Date Collected: 03/20/24 13:00

Client ID: MW-6 5-8 Date Received: 03/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	77		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-03
Client ID: MW-7 4-8
Sample Location: BUFFALO, NY

Date Collected: 03/20/24 09:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/25/24 04:39
Analyst: SZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 03/24/24 02:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-03 Date Collected: 03/20/24 09:00

Client ID: MW-7 4-8 Date Received: 03/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-03 Date Collected: 03/20/24 09:00

Client ID: MW-7 4-8 Date Received: 03/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	72		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-03
Client ID: MW-7 4-8
Sample Location: BUFFALO, NY

Date Collected: 03/20/24 09:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 04/01/24 15:18
Analyst: RS
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 03/29/24 13:54
Cleanup Method: EPA 1633
Cleanup Date: 03/30/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.787	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.394	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.787	0.080	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.197	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.197	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.197	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.197	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.197	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.787	0.276	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.197	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.197	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.197	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.197	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.787	0.381	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.197	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.197	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.197	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.197	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.197	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.197	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.197	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.197	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.197	0.105	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.787	0.097	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.787	0.144	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.197	0.038	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-03 Date Collected: 03/20/24 09:00

Client ID: MW-7 4-8 Date Received: 03/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.787	0.193	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.787	0.164	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.197	0.098	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.197	0.110	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.97	0.246	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.97	0.502	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.394	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.394	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.394	0.082	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.394	0.094	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.984	0.142	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.92	0.497	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.92	1.73	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-03 Date Collected: 03/20/24 09:00

Client ID: MW-7 4-8 Date Received: 03/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	72		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	77		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	75		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	60		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	72		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	64		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	72		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	70		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	55		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	70		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	71		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	64		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	81		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	90		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	68		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	75		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	74		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	64		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	68		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	68		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	73		20-150

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/24/24 15:14
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/23/24 04:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1899848-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/24/24 15:14
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/23/24 04:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1899848-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/24/24 15:14
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/23/24 04:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1899848-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	86		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/24/24 20:44
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/24/24 02:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG1900055-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/24/24 20:44
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/24/24 02:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG1900055-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/24/24 20:44
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/24/24 02:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG1900055-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	72		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/01/24 12:44
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 03/29/24 13:54
Cleanup Method: EPA 1633
Cleanup Date: 03/30/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,03 Batch: WG1902586-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/01/24 12:44
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 03/29/24 13:54
Cleanup Method: EPA 1633
Cleanup Date: 03/30/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,03 Batch: WG1902586-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/01/24 12:44
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 03/29/24 13:54
Cleanup Method: EPA 1633
Cleanup Date: 03/30/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,03 Batch: WG1902586-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	74		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	76		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	72		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	57		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	71		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	62		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	74		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	71		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	56		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	66		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	77		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	79		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	84		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	68		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	82		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	63		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	51		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	74		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	67		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	75		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	63		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66		20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2415210
Report Date: 04/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1899848-2 WG1899848-3								
Acenaphthene	66		66		31-137	0		50
Hexachlorobenzene	65		66		40-140	2		50
Bis(2-chloroethyl)ether	67		66		40-140	2		50
2-Chloronaphthalene	64		63		40-140	2		50
3,3'-Dichlorobenzidine	57		61		40-140	7		50
2,4-Dinitrotoluene	64		65		40-132	2		50
2,6-Dinitrotoluene	71		70		40-140	1		50
Fluoranthene	68		70		40-140	3		50
4-Chlorophenyl phenyl ether	66		67		40-140	2		50
4-Bromophenyl phenyl ether	68		69		40-140	1		50
Bis(2-chloroisopropyl)ether	65		64		40-140	2		50
Bis(2-chloroethoxy)methane	68		68		40-117	0		50
Hexachlorobutadiene	67		65		40-140	3		50
Hexachlorocyclopentadiene	74		72		40-140	3		50
Hexachloroethane	66		65		40-140	2		50
Isophorone	66		66		40-140	0		50
Naphthalene	64		64		40-140	0		50
Nitrobenzene	70		69		40-140	1		50
NDPA/DPA	66		67		36-157	2		50
n-Nitrosodi-n-propylamine	67		66		32-121	2		50
Bis(2-ethylhexyl)phthalate	66		68		40-140	3		50
Butyl benzyl phthalate	74		76		40-140	3		50
Di-n-butylphthalate	75		78		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1899848-2 WG1899848-3								
Di-n-octylphthalate	67		69		40-140	3		50
Diethyl phthalate	67		68		40-140	1		50
Dimethyl phthalate	62		62		40-140	0		50
Benzo(a)anthracene	68		68		40-140	0		50
Benzo(a)pyrene	69		72		40-140	4		50
Benzo(b)fluoranthene	71		72		40-140	1		50
Benzo(k)fluoranthene	64		68		40-140	6		50
Chrysene	64		66		40-140	3		50
Acenaphthylene	62		61		40-140	2		50
Anthracene	67		67		40-140	0		50
Benzo(ghi)perylene	68		68		40-140	0		50
Fluorene	65		65		40-140	0		50
Phenanthrene	62		64		40-140	3		50
Dibenzo(a,h)anthracene	70		69		40-140	1		50
Indeno(1,2,3-cd)pyrene	71		71		40-140	0		50
Pyrene	67		70		35-142	4		50
Biphenyl	62		61		37-127	2		50
4-Chloroaniline	62		64		40-140	3		50
2-Nitroaniline	72		72		47-134	0		50
3-Nitroaniline	64		69		26-129	8		50
4-Nitroaniline	71		75		41-125	5		50
Dibenzofuran	64		64		40-140	0		50
2-Methylnaphthalene	65		65		40-140	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2415210
Report Date: 04/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1899848-2 WG1899848-3								
1,2,4,5-Tetrachlorobenzene	66		64		40-117	3		50
Acetophenone	70		68		14-144	3		50
2,4,6-Trichlorophenol	69		69		30-130	0		50
p-Chloro-m-cresol	70		71		26-103	1		50
2-Chlorophenol	72		71		25-102	1		50
2,4-Dichlorophenol	70		68		30-130	3		50
2,4-Dimethylphenol	84		84		30-130	0		50
2-Nitrophenol	83		82		30-130	1		50
4-Nitrophenol	69		78		11-114	12		50
2,4-Dinitrophenol	48		41		4-130	16		50
4,6-Dinitro-o-cresol	73		74		10-130	1		50
Pentachlorophenol	63		64		17-109	2		50
Phenol	66		66		26-90	0		50
2-Methylphenol	73		72		30-130.	1		50
3-Methylphenol/4-Methylphenol	73		72		30-130	1		50
2,4,5-Trichlorophenol	68		68		30-130	0		50
Carbazole	66		67		54-128	2		50
Atrazine	67		67		40-140	0		50
Benzaldehyde	60		60		40-140	0		50
Caprolactam	65		67		15-130	3		50
2,3,4,6-Tetrachlorophenol	72		71		40-140	1		50
1,4-Dioxane	55		49		40-140	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1899848-2 WG1899848-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		71		25-120
Phenol-d6	71		69		10-120
Nitrobenzene-d5	69		67		23-120
2-Fluorobiphenyl	61		58		30-120
2,4,6-Tribromophenol	70		65		10-136
4-Terphenyl-d14	66		66		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG1900055-2 WG1900055-3								
Acenaphthene	79		82		31-137	4		50
Hexachlorobenzene	80		82		40-140	2		50
Bis(2-chloroethyl)ether	73		76		40-140	4		50
2-Chloronaphthalene	82		85		40-140	4		50
3,3'-Dichlorobenzidine	79		79		40-140	0		50
2,4-Dinitrotoluene	78		83		40-132	6		50
2,6-Dinitrotoluene	89		94		40-140	5		50
Fluoranthene	85		87		40-140	2		50
4-Chlorophenyl phenyl ether	77		78		40-140	1		50
4-Bromophenyl phenyl ether	77		82		40-140	6		50
Bis(2-chloroisopropyl)ether	70		74		40-140	6		50
Bis(2-chloroethoxy)methane	73		79		40-117	8		50
Hexachlorobutadiene	87		85		40-140	2		50
Hexachlorocyclopentadiene	52		50		40-140	4		50
Hexachloroethane	79		81		40-140	3		50
Isophorone	74		80		40-140	8		50
Naphthalene	82		82		40-140	0		50
Nitrobenzene	80		84		40-140	5		50
NDPA/DPA	79		83		36-157	5		50
n-Nitrosodi-n-propylamine	74		82		32-121	10		50
Bis(2-ethylhexyl)phthalate	92		94		40-140	2		50
Butyl benzyl phthalate	96		101		40-140	5		50
Di-n-butylphthalate	86		87		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG1900055-2 WG1900055-3								
Di-n-octylphthalate	100		102		40-140	2		50
Diethyl phthalate	80		83		40-140	4		50
Dimethyl phthalate	75		80		40-140	6		50
Benzo(a)anthracene	90		90		40-140	0		50
Benzo(a)pyrene	109		108		40-140	1		50
Benzo(b)fluoranthene	100		94		40-140	6		50
Benzo(k)fluoranthene	89		96		40-140	8		50
Chrysene	88		89		40-140	1		50
Acenaphthylene	75		79		40-140	5		50
Anthracene	88		91		40-140	3		50
Benzo(ghi)perylene	88		87		40-140	1		50
Fluorene	78		82		40-140	5		50
Phenanthrene	86		87		40-140	1		50
Dibenzo(a,h)anthracene	89		89		40-140	0		50
Indeno(1,2,3-cd)pyrene	100		99		40-140	1		50
Pyrene	87		91		35-142	4		50
Biphenyl	85		88		37-127	3		50
4-Chloroaniline	42		53		40-140	23		50
2-Nitroaniline	97		103		47-134	6		50
3-Nitroaniline	66		72		26-129	9		50
4-Nitroaniline	78		85		41-125	9		50
Dibenzofuran	81		84		40-140	4		50
2-Methylnaphthalene	83		86		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG1900055-2 WG1900055-3								
1,2,4,5-Tetrachlorobenzene	88		89		40-117	1		50
Acetophenone	85		90		14-144	6		50
2,4,6-Trichlorophenol	94		102		30-130	8		50
p-Chloro-m-cresol	91		96		26-103	5		50
2-Chlorophenol	84		86		25-102	2		50
2,4-Dichlorophenol	83		90		30-130	8		50
2,4-Dimethylphenol	66		73		30-130	10		50
2-Nitrophenol	99		104		30-130	5		50
4-Nitrophenol	81		89		11-114	9		50
2,4-Dinitrophenol	65		68		4-130	5		50
4,6-Dinitro-o-cresol	100		104		10-130	4		50
Pentachlorophenol	85		91		17-109	7		50
Phenol	89		**95**	Q	26-90	7		50
2-Methylphenol	78		84		30-130.	7		50
3-Methylphenol/4-Methylphenol	77		85		30-130	10		50
2,4,5-Trichlorophenol	91		96		30-130	5		50
Carbazole	91		94		54-128	3		50
Atrazine	85		89		40-140	5		50
Benzaldehyde	75		74		40-140	1		50
Caprolactam	96		102		15-130	6		50
2,3,4,6-Tetrachlorophenol	95		102		40-140	7		50
1,4-Dioxane	76		72		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG1900055-2 WG1900055-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	85		86		25-120
Phenol-d6	84		89		10-120
Nitrobenzene-d5	82		85		23-120
2-Fluorobiphenyl	78		79		30-120
2,4,6-Tribromophenol	96		98		10-136
4-Terphenyl-d14	79		82		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03 Batch: WG1902586-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	117		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	120		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	125		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	119		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	111		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	119		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	123		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	126		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	111		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	120		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	106		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	124		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	130		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	116		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	125		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	114		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	100		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	136		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	108		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	125		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	114		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	106		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03 Batch: WG1902586-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	80		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	109		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	132		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	138		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	61		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	134		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	107		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	100		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	104		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	125		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	125		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	118		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	116		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	135		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	119		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	101		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	93		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	113		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03 Batch: WG1902586-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	80				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	78				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	66				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	68				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	77				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	74				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	60				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	69				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	95				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	74				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	63				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	37				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	77				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	62				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	69				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	62				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	70				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03 Batch: WG1902586-3								
Perfluorobutanoic Acid (PFBA)	104		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	116		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	115		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	116		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	116		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	126		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	114		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	114		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	102		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	110		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	106		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	128		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	113		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	101		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	132		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	101		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	91		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	130		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	108		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	115		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	107		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	113		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03 Batch: WG1902586-3								
Perfluorotridecanoic Acid (PFTrDA)	87		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	109		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	121		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	119		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	70		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	112		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	102		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	103		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	96		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	117		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	103		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	116		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	121		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	132		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	125		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	94		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	93		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	123		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

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

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,03 Batch: WG1902586-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	76				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	72				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	75				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	71				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	74				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	72				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	72				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	74				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	76				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	106				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	65				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	75				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	77				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	43				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	77				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	60				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	67				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	68				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	69				20-150

PCBS

Project Name: 1681-1689 MAIN STREET
Lab Number: L2415210
Project Number: 4461.0001B002
Report Date: 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-01
Client ID: MW-5 5-8
Sample Location: BUFFALO, NY

Date Collected: 03/20/24 11:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/24 16:52
Analyst: RMP
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 03/24/24 03:04
Cleanup Method: EPA 3665A
Cleanup Date: 03/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.2	4.99	1	A
Aroclor 1221	ND		ug/kg	56.2	5.63	1	A
Aroclor 1232	ND		ug/kg	56.2	11.9	1	A
Aroclor 1242	ND		ug/kg	56.2	7.57	1	A
Aroclor 1248	ND		ug/kg	56.2	8.43	1	A
Aroclor 1254	ND		ug/kg	56.2	6.15	1	A
Aroclor 1260	ND		ug/kg	56.2	10.4	1	A
Aroclor 1262	ND		ug/kg	56.2	7.13	1	A
Aroclor 1268	ND		ug/kg	56.2	5.82	1	A
PCBs, Total	ND		ug/kg	56.2	4.99	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-03
Client ID: MW-7 4-8
Sample Location: BUFFALO, NY

Date Collected: 03/20/24 09:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/25/24 17:03
Analyst: RMP
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 03/24/24 03:04
Cleanup Method: EPA 3665A
Cleanup Date: 03/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.0	5.15	1	A
Aroclor 1221	ND		ug/kg	58.0	5.81	1	A
Aroclor 1232	ND		ug/kg	58.0	12.3	1	A
Aroclor 1242	ND		ug/kg	58.0	7.82	1	A
Aroclor 1248	ND		ug/kg	58.0	8.70	1	A
Aroclor 1254	ND		ug/kg	58.0	6.35	1	A
Aroclor 1260	ND		ug/kg	58.0	10.7	1	A
Aroclor 1262	ND		ug/kg	58.0	7.37	1	A
Aroclor 1268	ND		ug/kg	58.0	6.01	1	A
PCBs, Total	ND		ug/kg	58.0	5.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/25/24 14:46
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 03/24/24 03:04
Cleanup Method: EPA 3665A
Cleanup Date: 03/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03 Batch: WG1900056-1						
Aroclor 1016	ND		ug/kg	48.9	4.34	A
Aroclor 1221	ND		ug/kg	48.9	4.90	A
Aroclor 1232	ND		ug/kg	48.9	10.4	A
Aroclor 1242	ND		ug/kg	48.9	6.59	A
Aroclor 1248	ND		ug/kg	48.9	7.34	A
Aroclor 1254	ND		ug/kg	48.9	5.35	A
Aroclor 1260	ND		ug/kg	48.9	9.04	A
Aroclor 1262	ND		ug/kg	48.9	6.21	A
Aroclor 1268	ND		ug/kg	48.9	5.07	A
PCBs, Total	ND		ug/kg	48.9	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	105		30-150	A
Decachlorobiphenyl	135		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	122		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG1900056-2 WG1900056-3									
Aroclor 1016	90		88		40-140	2		50	A
Aroclor 1260	90		90		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		92		30-150	A
Decachlorobiphenyl	122		124		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		92		30-150	B
Decachlorobiphenyl	116		119		30-150	B

PESTICIDES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-01
Client ID: MW-5 5-8
Sample Location: BUFFALO, NY

Date Collected: 03/20/24 11:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/24 14:39
Analyst: EJL
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 03/24/24 03:24
Cleanup Method: EPA 3620B
Cleanup Date: 03/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.89	0.371	1	A
Lindane	ND		ug/kg	0.789	0.353	1	A
Alpha-BHC	ND		ug/kg	0.789	0.224	1	A
Beta-BHC	ND		ug/kg	1.89	0.718	1	A
Heptachlor	ND		ug/kg	0.947	0.424	1	A
Aldrin	ND		ug/kg	1.89	0.667	1	A
Heptachlor epoxide	ND		ug/kg	3.55	1.06	1	A
Endrin	ND		ug/kg	0.789	0.324	1	A
Endrin aldehyde	ND		ug/kg	2.37	0.828	1	A
Endrin ketone	ND		ug/kg	1.89	0.488	1	A
Dieldrin	ND		ug/kg	1.18	0.592	1	A
4,4'-DDE	ND		ug/kg	1.89	0.438	1	A
4,4'-DDD	ND		ug/kg	1.89	0.675	1	A
4,4'-DDT	ND		ug/kg	1.89	1.52	1	A
Endosulfan I	ND		ug/kg	1.89	0.447	1	A
Endosulfan II	ND		ug/kg	1.89	0.633	1	A
Endosulfan sulfate	ND		ug/kg	0.789	0.376	1	A
Methoxychlor	ND		ug/kg	3.55	1.10	1	A
Toxaphene	ND		ug/kg	35.5	9.94	1	A
cis-Chlordane	ND		ug/kg	2.37	0.660	1	A
trans-Chlordane	ND	IP	ug/kg	2.37	0.625	1	B
Chlordane	ND		ug/kg	15.8	6.27	1	A

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-01 Date Collected: 03/20/24 11:00

Client ID: MW-5 5-8 Date Received: 03/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	122		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-01
Client ID: MW-5 5-8
Sample Location: BUFFALO, NY

Date Collected: 03/20/24 11:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 03/26/24 09:54
Analyst: MMG
Percent Solids: 84%
Methylation Date: 03/25/24 22:02

Extraction Method: EPA 8151A
Extraction Date: 03/23/24 00:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	197	12.4	1	A
2,4,5-T	ND		ug/kg	197	6.11	1	A
2,4,5-TP (Silvex)	ND		ug/kg	197	5.24	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	58		30-150	A
DCAA	64		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-03
Client ID: MW-7 4-8
Sample Location: BUFFALO, NY

Date Collected: 03/20/24 09:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/25/24 15:46
Analyst: EJL
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 03/24/24 03:24
Cleanup Method: EPA 3620B
Cleanup Date: 03/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.360	1	A
Lindane	ND		ug/kg	0.767	0.343	1	A
Alpha-BHC	ND		ug/kg	0.767	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.698	1	A
Heptachlor	ND		ug/kg	0.920	0.412	1	A
Aldrin	ND		ug/kg	1.84	0.648	1	A
Heptachlor epoxide	ND		ug/kg	3.45	1.04	1	A
Endrin	ND		ug/kg	0.767	0.314	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.805	1	A
Endrin ketone	ND		ug/kg	1.84	0.474	1	A
Dieldrin	ND		ug/kg	1.15	0.575	1	A
4,4'-DDE	ND		ug/kg	1.84	0.426	1	A
4,4'-DDD	ND		ug/kg	1.84	0.656	1	A
4,4'-DDT	ND		ug/kg	1.84	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.435	1	A
Endosulfan II	ND		ug/kg	1.84	0.615	1	A
Endosulfan sulfate	ND		ug/kg	0.767	0.365	1	A
Methoxychlor	ND		ug/kg	3.45	1.07	1	A
Toxaphene	ND		ug/kg	34.5	9.66	1	A
cis-Chlordane	ND		ug/kg	2.30	0.641	1	A
trans-Chlordane	ND	IP	ug/kg	2.30	0.607	1	B
Chlordane	ND		ug/kg	15.3	6.10	1	A

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-03 Date Collected: 03/20/24 09:00

Client ID: MW-7 4-8 Date Received: 03/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	125		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: 1681-1689 MAIN STREET
Lab Number: L2415210
Project Number: 4461.0001B002
Report Date: 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-03
Client ID: MW-7 4-8
Sample Location: BUFFALO, NY

Date Collected: 03/20/24 09:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 03/26/24 10:12
Analyst: MMG
Percent Solids: 84%
Methylation Date: 03/25/24 22:02

Extraction Method: EPA 8151A
Extraction Date: 03/23/24 00:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	195	12.3	1	A
2,4,5-T	ND		ug/kg	195	6.04	1	A
2,4,5-TP (Silvex)	ND		ug/kg	195	5.18	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	62		30-150	A
DCAA	69		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 03/26/24 08:41
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 03/23/24 00:11

Methylation Date: 03/25/24 17:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01,03 Batch: WG1899821-1						
2,4-D	ND		ug/kg	166	10.4	A
2,4,5-T	ND		ug/kg	166	5.14	A
2,4,5-TP (Silvex)	ND		ug/kg	166	4.41	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	89		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2415210
Report Date: 04/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/25/24 08:01
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 03/24/24 03:24
Cleanup Method: EPA 3620B
Cleanup Date: 03/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03 Batch: WG1900057-1						
Delta-BHC	ND		ug/kg	1.58	0.310	A
Lindane	ND		ug/kg	0.660	0.295	A
Alpha-BHC	ND		ug/kg	0.660	0.188	A
Beta-BHC	ND		ug/kg	1.58	0.601	A
Heptachlor	ND		ug/kg	0.793	0.355	A
Aldrin	ND		ug/kg	1.58	0.558	A
Heptachlor epoxide	ND		ug/kg	2.97	0.892	A
Endrin	ND		ug/kg	0.660	0.271	A
Endrin aldehyde	ND		ug/kg	1.98	0.694	A
Endrin ketone	ND		ug/kg	1.58	0.408	A
Dieldrin	ND		ug/kg	0.991	0.495	A
4,4'-DDE	ND		ug/kg	1.58	0.366	A
4,4'-DDD	ND		ug/kg	1.58	0.565	A
4,4'-DDT	ND		ug/kg	1.58	1.27	A
Endosulfan I	ND		ug/kg	1.58	0.374	A
Endosulfan II	ND		ug/kg	1.58	0.530	A
Endosulfan sulfate	ND		ug/kg	0.660	0.314	A
Methoxychlor	ND		ug/kg	2.97	0.925	A
Toxaphene	ND		ug/kg	29.7	8.32	A
cis-Chlordane	ND		ug/kg	1.98	0.552	A
trans-Chlordane	ND		ug/kg	1.98	0.523	A
Chlordane	ND		ug/kg	13.2	5.25	A

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/25/24 08:01
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 03/24/24 03:24
Cleanup Method: EPA 3620B
Cleanup Date: 03/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 03/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03 Batch: WG1900057-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	138		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	124		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG1899821-2 WG1899821-3									
2,4-D	93		88		30-150	6		30	A
2,4,5-T	94		99		30-150	5		30	A
2,4,5-TP (Silvex)	128		135		30-150	5		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	82		84		30-150	A
DCAA	103		102		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG1900057-2 WG1900057-3									
Delta-BHC	112		98		30-150	13		30	A
Lindane	104		93		30-150	11		30	A
Alpha-BHC	105		93		30-150	12		30	A
Beta-BHC	115		103		30-150	11		30	A
Heptachlor	132		117		30-150	12		30	A
Aldrin	105		94		30-150	11		30	A
Heptachlor epoxide	121		108		30-150	11		30	A
Endrin	120		108		30-150	11		30	A
Endrin aldehyde	110		99		30-150	11		30	A
Endrin ketone	131		121		30-150	8		30	A
Dieldrin	123		109		30-150	12		30	A
4,4'-DDE	108		98		30-150	10		30	A
4,4'-DDD	121		106		30-150	13		30	A
4,4'-DDT	130		118		30-150	10		30	A
Endosulfan I	123		111		30-150	10		30	A
Endosulfan II	120		108		30-150	11		30	A
Endosulfan sulfate	112		103		30-150	8		30	A
Methoxychlor	**160**	Q	147		30-150	8		30	A
cis-Chlordane	116		104		30-150	11		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG1900057-2 WG1900057-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		80		30-150	A
Decachlorobiphenyl	134		117		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		83		30-150	B
Decachlorobiphenyl	121		111		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03 Batch: WG1900057-2 WG1900057-3									
trans-Chlordane	112		100		30-150	11		30	B

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		80		30-150	A
Decachlorobiphenyl	134		117		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		83		30-150	B
Decachlorobiphenyl	121		111		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-01
Client ID: MW-5 5-8
Sample Location: BUFFALO, NY
Date Collected: 03/20/24 11:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5190		mg/kg	23.2	6.26	5	03/25/24 16:32	03/27/24 14:50	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	11.6	0.881	5	03/25/24 16:32	03/27/24 00:46	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.81		mg/kg	2.32	0.482	5	03/25/24 16:32	03/27/24 00:46	EPA 3050B	1,6010D	DHL
Barium, Total	44.6		mg/kg	2.32	0.404	5	03/25/24 16:32	03/27/24 00:46	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.325	J	mg/kg	1.16	0.077	5	03/25/24 16:32	03/27/24 00:46	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	2.32	0.227	5	03/25/24 16:32	03/27/24 00:46	EPA 3050B	1,6010D	DHL
Calcium, Total	59600		mg/kg	23.2	8.12	5	03/25/24 16:32	03/27/24 14:50	EPA 3050B	1,6010D	DHL
Chromium, Total	10.6		mg/kg	2.32	0.223	5	03/25/24 16:32	03/27/24 00:46	EPA 3050B	1,6010D	DHL
Cobalt, Total	5.48		mg/kg	4.64	0.385	5	03/25/24 16:32	03/27/24 00:46	EPA 3050B	1,6010D	DHL
Copper, Total	13.6		mg/kg	2.32	0.598	5	03/25/24 16:32	03/27/24 00:46	EPA 3050B	1,6010D	DHL
Iron, Total	11900		mg/kg	11.6	2.09	5	03/25/24 16:32	03/27/24 14:50	EPA 3050B	1,6010D	DHL
Lead, Total	13.8		mg/kg	11.6	0.622	5	03/25/24 16:32	03/27/24 00:46	EPA 3050B	1,6010D	DHL
Magnesium, Total	27400		mg/kg	23.2	3.57	5	03/25/24 16:32	03/27/24 00:46	EPA 3050B	1,6010D	DHL
Manganese, Total	399		mg/kg	2.32	0.369	5	03/25/24 16:32	03/27/24 00:46	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.080	0.052	1	03/25/24 18:03	03/26/24 12:10	EPA 7471B	1,7471B	MJR
Nickel, Total	12.7		mg/kg	5.80	0.561	5	03/25/24 16:32	03/27/24 00:46	EPA 3050B	1,6010D	DHL
Potassium, Total	884		mg/kg	580	33.4	5	03/25/24 16:32	03/27/24 14:50	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	4.64	0.598	5	03/25/24 16:32	03/27/24 00:46	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	1.16	0.656	5	03/25/24 16:32	03/27/24 00:46	EPA 3050B	1,6010D	DHL
Sodium, Total	149	J	mg/kg	464	7.31	5	03/25/24 16:32	03/27/24 00:46	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	4.64	0.731	5	03/25/24 16:32	03/27/24 00:46	EPA 3050B	1,6010D	DHL
Vanadium, Total	15.4		mg/kg	2.32	0.471	5	03/25/24 16:32	03/27/24 00:46	EPA 3050B	1,6010D	DHL
Zinc, Total	64.0		mg/kg	11.6	0.680	5	03/25/24 16:32	03/27/24 00:46	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-02
Client ID: MW-6 5-8
Sample Location: BUFFALO, NY
Date Collected: 03/20/24 13:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6580		mg/kg	22.8	6.16	5	03/25/24 16:32	03/27/24 14:55	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	11.4	0.868	5	03/25/24 16:32	03/27/24 00:52	EPA 3050B	1,6010D	DHL
Arsenic, Total	2.76		mg/kg	2.28	0.475	5	03/25/24 16:32	03/27/24 00:52	EPA 3050B	1,6010D	DHL
Barium, Total	61.9		mg/kg	2.28	0.397	5	03/25/24 16:32	03/27/24 00:52	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.335	J	mg/kg	1.14	0.075	5	03/25/24 16:32	03/27/24 00:52	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	2.28	0.224	5	03/25/24 16:32	03/27/24 00:52	EPA 3050B	1,6010D	DHL
Calcium, Total	62000		mg/kg	22.8	7.99	5	03/25/24 16:32	03/27/24 14:55	EPA 3050B	1,6010D	DHL
Chromium, Total	13.3		mg/kg	2.28	0.219	5	03/25/24 16:32	03/27/24 00:52	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.76		mg/kg	4.57	0.379	5	03/25/24 16:32	03/27/24 00:52	EPA 3050B	1,6010D	DHL
Copper, Total	15.0		mg/kg	2.28	0.589	5	03/25/24 16:32	03/27/24 00:52	EPA 3050B	1,6010D	DHL
Iron, Total	14100		mg/kg	11.4	2.06	5	03/25/24 16:32	03/27/24 14:55	EPA 3050B	1,6010D	DHL
Lead, Total	13.9		mg/kg	11.4	0.612	5	03/25/24 16:32	03/27/24 00:52	EPA 3050B	1,6010D	DHL
Magnesium, Total	26500		mg/kg	22.8	3.52	5	03/25/24 16:32	03/27/24 00:52	EPA 3050B	1,6010D	DHL
Manganese, Total	414		mg/kg	2.28	0.363	5	03/25/24 16:32	03/27/24 00:52	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.076	0.049	1	03/25/24 18:03	03/27/24 13:32	EPA 7471B	1,7471B	MJR
Nickel, Total	16.0		mg/kg	5.71	0.553	5	03/25/24 16:32	03/27/24 00:52	EPA 3050B	1,6010D	DHL
Potassium, Total	1000		mg/kg	571	32.9	5	03/25/24 16:32	03/27/24 14:55	EPA 3050B	1,6010D	DHL
Selenium, Total	0.915	J	mg/kg	4.57	0.589	5	03/25/24 16:32	03/27/24 00:52	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	1.14	0.646	5	03/25/24 16:32	03/27/24 00:52	EPA 3050B	1,6010D	DHL
Sodium, Total	137	J	mg/kg	457	7.19	5	03/25/24 16:32	03/27/24 00:52	EPA 3050B	1,6010D	DHL
Thallium, Total	1.09	J	mg/kg	4.57	0.719	5	03/25/24 16:32	03/27/24 00:52	EPA 3050B	1,6010D	DHL
Vanadium, Total	18.3		mg/kg	2.28	0.464	5	03/25/24 16:32	03/27/24 00:52	EPA 3050B	1,6010D	DHL
Zinc, Total	62.4		mg/kg	11.4	0.669	5	03/25/24 16:32	03/27/24 00:52	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-03
Client ID: MW-7 4-8
Sample Location: BUFFALO, NY
Date Collected: 03/20/24 09:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6540		mg/kg	23.1	6.25	5	03/25/24 16:32	03/27/24 15:01	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	11.6	0.879	5	03/25/24 16:32	03/27/24 00:58	EPA 3050B	1,6010D	DHL
Arsenic, Total	3.40		mg/kg	2.31	0.481	5	03/25/24 16:32	03/27/24 00:58	EPA 3050B	1,6010D	DHL
Barium, Total	53.6		mg/kg	2.31	0.403	5	03/25/24 16:32	03/27/24 00:58	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.329	J	mg/kg	1.16	0.076	5	03/25/24 16:32	03/27/24 00:58	EPA 3050B	1,6010D	DHL
Cadmium, Total	ND		mg/kg	2.31	0.227	5	03/25/24 16:32	03/27/24 00:58	EPA 3050B	1,6010D	DHL
Calcium, Total	62800		mg/kg	23.1	8.10	5	03/25/24 16:32	03/27/24 15:01	EPA 3050B	1,6010D	DHL
Chromium, Total	13.0		mg/kg	2.31	0.222	5	03/25/24 16:32	03/27/24 00:58	EPA 3050B	1,6010D	DHL
Cobalt, Total	6.84		mg/kg	4.63	0.384	5	03/25/24 16:32	03/27/24 00:58	EPA 3050B	1,6010D	DHL
Copper, Total	15.6		mg/kg	2.31	0.597	5	03/25/24 16:32	03/27/24 00:58	EPA 3050B	1,6010D	DHL
Iron, Total	14100		mg/kg	11.6	2.09	5	03/25/24 16:32	03/27/24 15:01	EPA 3050B	1,6010D	DHL
Lead, Total	13.6		mg/kg	11.6	0.620	5	03/25/24 16:32	03/27/24 00:58	EPA 3050B	1,6010D	DHL
Magnesium, Total	27900		mg/kg	23.1	3.56	5	03/25/24 16:32	03/27/24 00:58	EPA 3050B	1,6010D	DHL
Manganese, Total	428		mg/kg	2.31	0.368	5	03/25/24 16:32	03/27/24 00:58	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.076	0.049	1	03/25/24 18:03	03/27/24 13:35	EPA 7471B	1,7471B	MJR
Nickel, Total	15.9		mg/kg	5.78	0.560	5	03/25/24 16:32	03/27/24 00:58	EPA 3050B	1,6010D	DHL
Potassium, Total	1160		mg/kg	578	33.3	5	03/25/24 16:32	03/27/24 15:01	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	4.63	0.597	5	03/25/24 16:32	03/27/24 00:58	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	1.16	0.655	5	03/25/24 16:32	03/27/24 00:58	EPA 3050B	1,6010D	DHL
Sodium, Total	161	J	mg/kg	463	7.29	5	03/25/24 16:32	03/27/24 00:58	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	4.63	0.729	5	03/25/24 16:32	03/27/24 00:58	EPA 3050B	1,6010D	DHL
Vanadium, Total	18.7		mg/kg	2.31	0.470	5	03/25/24 16:32	03/27/24 00:58	EPA 3050B	1,6010D	DHL
Zinc, Total	64.2		mg/kg	11.6	0.678	5	03/25/24 16:32	03/27/24 00:58	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2415210

Project Number: 4461.0001B002 **Report Date:** 04/03/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1900538-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	03/25/24 16:32	03/27/24 14:15	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	03/25/24 16:32	03/26/24 22:20	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	03/25/24 16:32	03/26/24 22:20	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	03/25/24 16:32	03/26/24 22:20	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	03/25/24 16:32	03/26/24 22:20	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	03/25/24 16:32	03/26/24 22:20	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	03/25/24 16:32	03/26/24 22:20	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	03/25/24 16:32	03/26/24 22:20	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	03/25/24 16:32	03/26/24 22:20	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	03/25/24 16:32	03/26/24 22:20	1,6010D	DHL
Iron, Total	1.23	J	mg/kg	2.00	0.361	1	03/25/24 16:32	03/27/24 14:15	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	03/25/24 16:32	03/26/24 22:20	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	03/25/24 16:32	03/26/24 22:20	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	03/25/24 16:32	03/26/24 22:20	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	03/25/24 16:32	03/26/24 22:20	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	03/25/24 16:32	03/27/24 14:15	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	03/25/24 16:32	03/26/24 22:20	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	03/25/24 16:32	03/26/24 22:20	1,6010D	DHL
Sodium, Total	2.33	J	mg/kg	80.0	1.26	1	03/25/24 16:32	03/26/24 22:20	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	03/25/24 16:32	03/26/24 22:20	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	03/25/24 16:32	03/26/24 22:20	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	03/25/24 16:32	03/26/24 22:20	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1900541-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/25/24 18:03	03/26/24 12:03	1,7471B	MJR

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2415210
Report Date: 04/03/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1900538-2								
Aluminum, Total	102		-		48-151	-		
Antimony, Total	101		-		1-208	-		
Arsenic, Total	101		-		79-121	-		
Barium, Total	112		-		83-117	-		
Beryllium, Total	110		-		83-117	-		
Cadmium, Total	97		-		83-117	-		
Calcium, Total	103		-		81-119	-		
Chromium, Total	107		-		80-120	-		
Cobalt, Total	100		-		84-115	-		
Copper, Total	104		-		81-118	-		
Iron, Total	106		-		45-155	-		
Lead, Total	100		-		81-117	-		
Magnesium, Total	102		-		76-124	-		
Manganese, Total	108		-		81-117	-		
Nickel, Total	102		-		83-117	-		
Potassium, Total	104		-		71-129	-		
Selenium, Total	99		-		78-122	-		
Silver, Total	106		-		75-124	-		
Sodium, Total	107		-		72-127	-		
Thallium, Total	96		-		80-120	-		
Vanadium, Total	106		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1900538-2					
Zinc, Total	98	-	82-118	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1900541-2					
Mercury, Total	100	-	72-128	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2415210
Report Date: 04/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1900538-3 QC Sample: L2413737-22 Client ID: MS Sample												
Aluminum, Total	16500	202	13800	**0**	Q	-	-		75-125	-		20
Antimony, Total	ND	50.6	30.3	**60**	Q	-	-		75-125	-		20
Arsenic, Total	6.93	12.1	16.2	76		-	-		75-125	-		20
Barium, Total	54.4	202	118	**31**	Q	-	-		75-125	-		20
Beryllium, Total	0.995	5.06	2.71	**34**	Q	-	-		75-125	-		20
Cadmium, Total	ND	5.36	4.21	78		-	-		75-125	-		20
Calcium, Total	330	1010	630	**30**	Q	-	-		75-125	-		20
Chromium, Total	10.0	20.2	27.0	84		-	-		75-125	-		20
Cobalt, Total	42.1	50.6	77.3	**70**	Q	-	-		75-125	-		20
Copper, Total	26.3	25.3	47.0	82		-	-		75-125	-		20
Iron, Total	8330	101	8800	**464**	Q	-	-		75-125	-		20
Lead, Total	34.0	53.6	77.4	81		-	-		75-125	-		20
Magnesium, Total	5030	1010	5060	**3**	Q	-	-		75-125	-		20
Manganese, Total	651	50.6	537	**0**	Q	-	-		75-125	-		20
Nickel, Total	11.5	50.6	53.2	82		-	-		75-125	-		20
Potassium, Total	1930	1010	2130	**20**	Q	-	-		75-125	-		20
Selenium, Total	0.850J	12.1	10.7	88		-	-		75-125	-		20
Silver, Total	0.442J	5.06	4.68	92		-	-		75-125	-		20
Sodium, Total	32.8J	1010	376	**37**	Q	-	-		75-125	-		20
Thallium, Total	2.34	12.1	11.3	**74**	Q	-	-		75-125	-		20
Vanadium, Total	32.8	50.6	77.7	89		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2415210
Report Date: 04/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1900538-3 QC Sample: L2413737-22 Client ID: MS Sample										
Zinc, Total	49.1	50.6	85.0	**71**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1900541-3 QC Sample: L2415210-01 Client ID: MW-5 5-8										
Mercury, Total	ND	1.52	1.54	101		-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1900538-4 QC Sample: L2413737-22 Client ID: DUP Sample						
Thallium, Total	2.34	2.12	mg/kg	10		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1900541-4 QC Sample: L2415210-01 Client ID: MW-5 5-8						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2415210
Report Date: 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-01
Client ID: MW-5 5-8
Sample Location: BUFFALO, NY

Date Collected: 03/20/24 11:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	03/21/24 08:49	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2415210
Report Date: 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-02
Client ID: MW-6 5-8
Sample Location: BUFFALO, NY

Date Collected: 03/20/24 13:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	03/21/24 08:49	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2415210
Report Date: 04/03/24

SAMPLE RESULTS

Lab ID: L2415210-03
Client ID: MW-7 4-8
Sample Location: BUFFALO, NY

Date Collected: 03/20/24 09:00
Date Received: 03/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	03/21/24 08:49	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2415210

Report Date: 04/03/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1898984-1 QC Sample: L2415291-07 Client ID: DUP Sample						
Solids, Total	97.7	98.4	%	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2415210
Report Date: 04/03/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2415210-01A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2415210-01B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2415210-01C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2415210-01D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2415210-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2415210-01F	Plastic 8oz unpreserved	A	NA		4.8	Y	Absent		A2-1633-DRAFT(90)
L2415210-01G	Glass 500ml/16oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2415210-01X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2415210-01Y	Vial Water preserved split	A	NA		4.8	Y	Absent	21-MAR-24 12:09	NYTCL-8260HLW-R2(14)
L2415210-01Z	Vial Water preserved split	A	NA		4.8	Y	Absent	21-MAR-24 12:09	NYTCL-8260HLW-R2(14)
L2415210-02A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2415210-02B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2415210-02C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2415210-02D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2415210-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2415210-02F	Glass 120ml/4oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14)
L2415210-02X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2415210-02Y	Vial Water preserved split	A	NA		4.8	Y	Absent	21-MAR-24 12:09	NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2415210
Report Date: 04/03/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2415210-02Z	Vial Water preserved split	A	NA		4.8	Y	Absent	21-MAR-24 12:09	NYTCL-8260HLW-R2(14)
L2415210-03A	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2415210-03B	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2415210-03C	5 gram Encore Sampler	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2415210-03D	Plastic 2oz unpreserved for TS	A	NA		4.8	Y	Absent		TS(7)
L2415210-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2415210-03F	Plastic 8oz unpreserved	A	NA		4.8	Y	Absent		A2-1633-DRAFT(90)
L2415210-03G	Glass 500ml/16oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2415210-03X	Vial MeOH preserved split	A	NA		4.8	Y	Absent		NYTCL-8260HLW-R2(14)
L2415210-03Y	Vial Water preserved split	A	NA		4.8	Y	Absent	21-MAR-24 12:09	NYTCL-8260HLW-R2(14)
L2415210-03Z	Vial Water preserved split	A	NA		4.8	Y	Absent	21-MAR-24 12:09	NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2415210
Report Date: 04/03/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2415210
Report Date: 04/03/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2415210
Project Number:	4461.0001B002	**Report Date:**	04/03/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2415210
Project Number:	4461.0001B002	**Report Date:**	04/03/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2415210
Project Number:	4461.0001B002	**Report Date:**	04/03/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2415210
Project Number:	4461.0001B002	**Report Date:**	04/03/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave. Suite 105

Page 1 of 1

Date Rec'd In Lab: 3/21/24

ALPHA Job #: L2415210

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY, 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information
Project Name: 1681-1689 main Street
Project Location: Buffalo, NY
Project # 4461.00018002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL + CP-51 VOCs + TICs	NYTCL 8270 + TICs	Total Hg Total Metals	AD-NY-1633 PFAS	Herb-APA	NYTCL-8081	NYTCL-8082	Total Bottle
15210-01	MW-5 5-8	3/20/24	1100	Soil	CEH	X	X	X	X	X	X	X	
-02	MW-6 5-8	3/20/24	1300	↓	↓	X	X	X					
-03	MW-7 4-8	3/20/24	0900	↓	↓	X	X	X	X	X	X	X	

Container Type: E A A P A A A
Preservative: A A A A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Charles Andreatta	3-20-24 / 1515	C. Munley	3-20-24 15:15
C. Munley	3-20-24 1518		3/21/24 0050

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

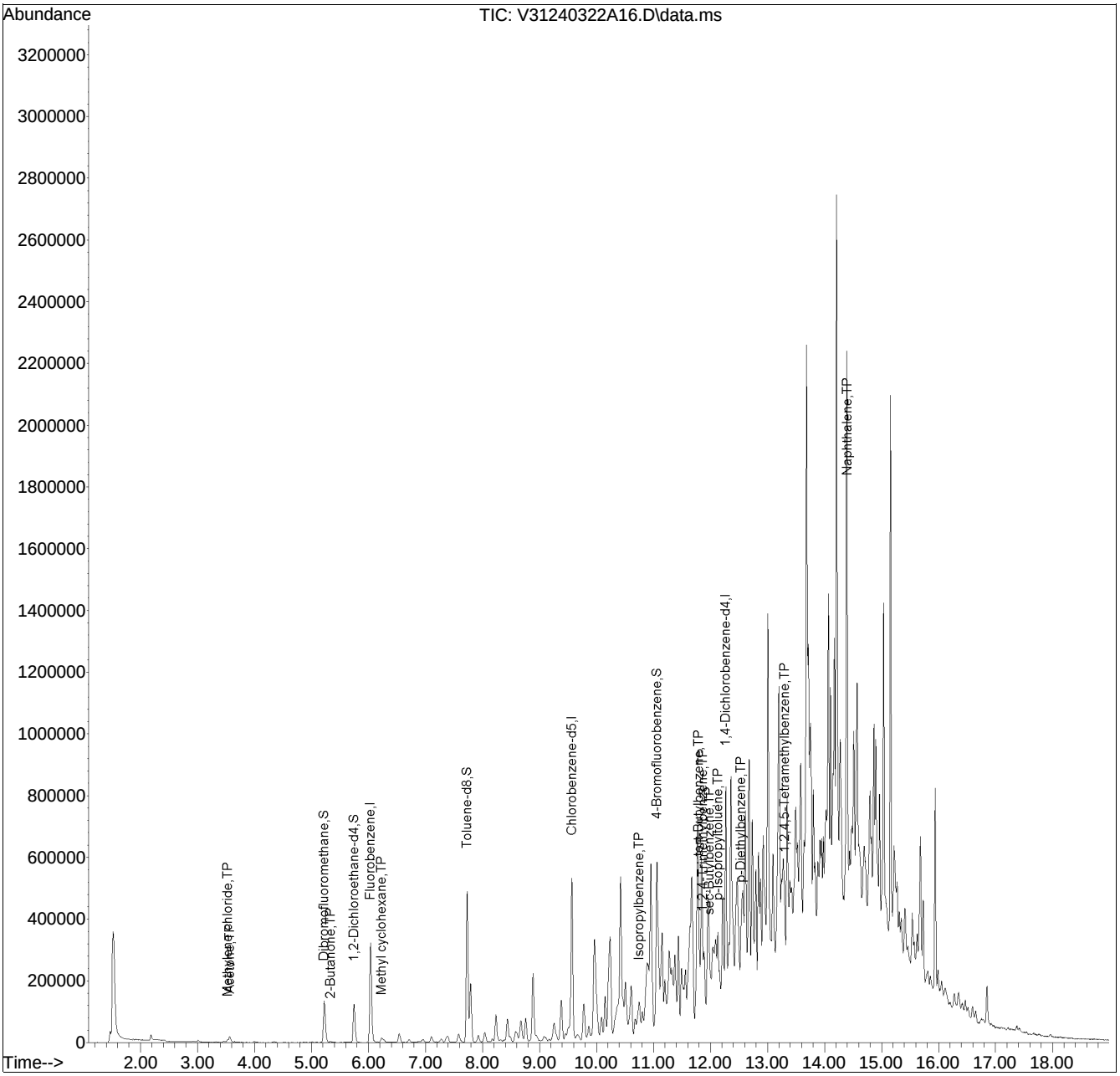
Form No: 01-25 HC (rev. 30-Sept-2013)

Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2024\240322A\
Data File : V31240322A16.D
Acq On : 22 Mar 2024 01:52 pm
Operator : VOA131:AJK
Sample : l2415210-01,31,5.43,5,,z
Misc : WG1900372,ICAL20859
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 24 14:15:56 2024
Quant Method : K:\VOA131\2024\240322A\V131_240214N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Feb 15 14:32:02 2024
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox22A01.D•



ANALYTICAL REPORT

Lab Number:	L2415927
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN
Project Number:	4461.0001B002
Report Date:	04/05/24

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

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

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

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2415927-01	TP-1 2-3	SOIL	BUFFALO, NY	03/22/24 14:00	03/22/24
L2415927-02	TP-2 1-2	SOIL	BUFFALO, NY	03/22/24 12:20	03/22/24
L2415927-03	TP-5 2-3	SOIL	BUFFALO, NY	03/22/24 11:00	03/22/24
L2415927-04	TP-6 1-2	SOIL	BUFFALO, NY	03/22/24 13:10	03/22/24
L2415927-05	TP-7 2-3	SOIL	BUFFALO, NY	03/22/24 12:40	03/22/24
L2415927-06	TP-8 3-4	SOIL	BUFFALO, NY	03/22/24 11:20	03/22/24
L2415927-07	TP-9 2-3	SOIL	BUFFALO, NY	03/22/24 09:20	03/22/24
L2415927-08	BLIND DUP	SOIL	BUFFALO, NY	03/22/24 08:00	03/22/24

Project Name:	1681-1689 MAIN	**Lab Number:**	L2415927
Project Number:	4461.0001B002	**Report Date:**	04/05/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN	**Lab Number:**	L2415927
Project Number:	4461.0001B002	**Report Date:**	04/05/24

Case Narrative (continued)

Report Submission

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

Semivolatile Organics

The WG1903501-4/-5 MS/MSD recoveries, performed on L2415927-02, are below the acceptance criteria for hexachlorocyclopentadiene (0%/0%), 2,4-dinitrophenol (0%/0%), and 4,6-dinitro-o-cresol (0%/0%) due to the concentrations of these compounds in the MS/MSD falling below the reported detection limits.

Perfluorinated Alkyl Acids by 1633

WG1903924-1: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1903924-2 LCS recovery, associated with L2415927-01, -06, and -08, is above the acceptance criteria for 9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9cl-pf3ons) (156%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

Total Metals

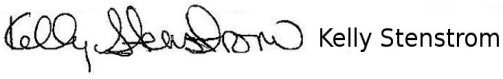
L2415927-01 through 08: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1903922-3/-4 MS/MSD recoveries for aluminum (0%/570%), calcium (954%/2640%), iron (0%/1140%), magnesium (0%/53%), and manganese (0%/262%), performed on L2415927-02, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1903922-3/-4 MS/MSD recoveries, performed on L2415927-02, are outside the acceptance criteria for lead (MSD 22%), potassium (168%/212%), selenium (MS 0%), and zinc (53%/61%). A post digestion spike was performed and was within acceptance criteria.

The WG1903922-3/-4 MS/MSD RPDs for aluminum (41%), iron (37%), lead (23%), magnesium (31%), manganese (51%), and potassium (24%), performed on L2415927-02, are above the acceptance criteria.

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

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative Date: 04/05/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-01
Client ID: TP-1 2-3
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 14:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/01/24 16:03
Analyst: JIC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.9	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.69	0.27	1
Chlorobenzene	ND		ug/kg	0.69	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.96	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.69	0.23	1
Bromodichloromethane	ND		ug/kg	0.69	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.69	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.69	0.23	1
Benzene	ND		ug/kg	0.69	0.23	1
Toluene	ND		ug/kg	1.4	0.75	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.8	0.80	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.8	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1
Trichloroethene	ND		ug/kg	0.69	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-01
Client ID: TP-1 2-3
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 14:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.78	1
o-Xylene	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	9.1	J	ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.3	1
2-Butanone	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.46	1
Methyl Acetate	ND		ug/kg	5.5	1.3	1
Cyclohexane	ND		ug/kg	14	0.75	1
1,4-Dioxane	ND		ug/kg	110	48.	1
Freon-113	ND		ug/kg	5.5	0.96	1
Methyl cyclohexane	ND		ug/kg	5.5	0.83	1

Tentatively Identified Compounds				
Total TIC Compounds	4.24	J	ug/kg	1
Unknown	4.24	J	ug/kg	1

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-01
Client ID: TP-1 2-3
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 14:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	110		70-130

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-04
Client ID: TP-6 1-2
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 13:10
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/02/24 10:01
Analyst: JIC
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.4	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.21	1
Chloroform	ND		ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.18	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	0.92		ug/kg	0.74	0.29	1
Chlorobenzene	ND		ug/kg	0.74	0.19	1
Trichlorofluoromethane	ND		ug/kg	5.9	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.74	0.25	1
Bromodichloromethane	ND		ug/kg	0.74	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.74	0.23	1
Bromoform	ND		ug/kg	5.9	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.74	0.24	1
Benzene	ND		ug/kg	0.74	0.24	1
Toluene	ND		ug/kg	1.5	0.80	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	5.9	1.4	1
Bromomethane	ND		ug/kg	3.0	0.86	1
Vinyl chloride	ND		ug/kg	1.5	0.50	1
Chloroethane	ND		ug/kg	3.0	0.67	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1
Trichloroethene	ND		ug/kg	0.74	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.21	1

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-04
Client ID: TP-6 1-2
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 13:10
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.25	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.83	1
o-Xylene	ND		ug/kg	1.5	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.1	1
Carbon disulfide	ND		ug/kg	15	6.7	1
2-Butanone	ND		ug/kg	15	3.3	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
2-Hexanone	ND		ug/kg	15	1.7	1
Bromochloromethane	ND		ug/kg	3.0	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.41	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.5	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
n-Propylbenzene	ND		ug/kg	1.5	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.49	1
Methyl Acetate	ND		ug/kg	5.9	1.4	1
Cyclohexane	ND		ug/kg	15	0.80	1
1,4-Dioxane	ND		ug/kg	120	52.	1
Freon-113	ND		ug/kg	5.9	1.0	1
Methyl cyclohexane	ND		ug/kg	5.9	0.89	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-04
Client ID: TP-6 1-2
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 13:10
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	96		70-130

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-05
Client ID: TP-7 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 12:40
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/01/24 16:54
Analyst: JIC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.97	0.53	1
Ethylbenzene	ND		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.97	0.33	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-05
Client ID: TP-7 2-3
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 12:40
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.20	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.89	1
Acetone	9.8		ug/kg	9.7	4.7	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	ND		ug/kg	9.7	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
2-Hexanone	ND		ug/kg	9.7	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
n-Butylbenzene	ND		ug/kg	0.97	0.16	1
sec-Butylbenzene	ND		ug/kg	0.97	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Isopropylbenzene	ND		ug/kg	0.97	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.11	1
n-Propylbenzene	ND		ug/kg	0.97	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
Methyl Acetate	ND		ug/kg	3.9	0.92	1
Cyclohexane	ND		ug/kg	9.7	0.53	1
1,4-Dioxane	ND		ug/kg	78	34.	1
Freon-113	ND		ug/kg	3.9	0.67	1
Methyl cyclohexane	ND		ug/kg	3.9	0.59	1

Tentatively Identified Compounds				
Total TIC Compounds	3.55	J	ug/kg	1
Unknown	3.55	J	ug/kg	1

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-05
Client ID: TP-7 2-3
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 12:40
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	112		70-130

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-06
Client ID: TP-8 3-4
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 11:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/01/24 17:19
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.89	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.89	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.89	0.11	1
Dibromochloromethane	ND		ug/kg	0.89	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.89	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.62	1
1,2-Dichloroethane	18		ug/kg	0.89	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.89	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.89	0.48	1
Ethylbenzene	ND		ug/kg	0.89	0.12	1
Chloromethane	ND		ug/kg	3.6	0.83	1
Bromomethane	ND		ug/kg	1.8	0.52	1
Vinyl chloride	ND		ug/kg	0.89	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.89	0.21	1
trans-1,2-Dichloroethene	0.58	J	ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-06
Client ID: TP-8 3-4
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 11:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.50	1
o-Xylene	ND		ug/kg	0.89	0.26	1
cis-1,2-Dichloroethene	3.0		ug/kg	0.89	0.16	1
Styrene	ND		ug/kg	0.89	0.18	1
Dichlorodifluoromethane	ND		ug/kg	8.9	0.82	1
Acetone	4.6	J	ug/kg	8.9	4.3	1
Carbon disulfide	ND		ug/kg	8.9	4.1	1
2-Butanone	ND		ug/kg	8.9	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	8.9	1.1	1
2-Hexanone	ND		ug/kg	8.9	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.89	0.25	1
n-Butylbenzene	ND		ug/kg	0.89	0.15	1
sec-Butylbenzene	ND		ug/kg	0.89	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.89	1
Isopropylbenzene	ND		ug/kg	0.89	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.89	0.10	1
n-Propylbenzene	ND		ug/kg	0.89	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
Methyl Acetate	ND		ug/kg	3.6	0.85	1
Cyclohexane	ND		ug/kg	8.9	0.48	1
1,4-Dioxane	ND		ug/kg	71	31.	1
Freon-113	ND		ug/kg	3.6	0.62	1
Methyl cyclohexane	ND		ug/kg	3.6	0.54	1

Tentatively Identified Compounds				
Total TIC Compounds	3.24	J	ug/kg	1
Unknown	3.24	J	ug/kg	1

Project Name: 1681-1689 MAIN **Lab Number:** L2415927

Project Number: 4461.0001B002 **Report Date:** 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-06 Date Collected: 03/22/24 11:20

Client ID: TP-8 3-4 Date Received: 03/22/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	113		70-130

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-08
Client ID: BLIND DUP
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 08:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/01/24 17:45
Analyst: JIC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	ND		ug/kg	0.68	0.27	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.94	1
1,2-Dichloroethane	31		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.22	1
Benzene	ND		ug/kg	0.68	0.22	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.4	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	1.1	J	ug/kg	2.0	0.19	1
Trichloroethene	ND		ug/kg	0.68	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-08
Client ID: BLIND DUP
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 08:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	5.6		ug/kg	1.4	0.24	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	7.1	J	ug/kg	14	6.5	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.7	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
Methyl Acetate	ND		ug/kg	5.4	1.3	1
Cyclohexane	ND		ug/kg	14	0.74	1
1,4-Dioxane	ND		ug/kg	110	48.	1
Freon-113	ND		ug/kg	5.4	0.94	1
Methyl cyclohexane	ND		ug/kg	5.4	0.82	1

Tentatively Identified Compounds				
Total TIC Compounds	5.16	J	ug/kg	1
Unknown	5.16	J	ug/kg	1

Project Name: 1681-1689 MAIN **Lab Number:** L2415927

Project Number: 4461.0001B002 **Report Date:** 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-08 Date Collected: 03/22/24 08:00

Client ID: BLIND DUP Date Received: 03/22/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	127		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	112		70-130

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/01/24 09:43
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,05-06,08 Batch: WG1903788-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/01/24 09:43
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,05-06,08 Batch: WG1903788-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/01/24 09:43
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,05-06,08 Batch: WG1903788-5					
Tentatively Identified Compounds					
Total TIC Compounds	6.86	J	ug/kg		
Unknown	2.72	J	ug/kg		
Unknown	4.14	J	ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/02/24 09:35
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1904354-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.23	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/02/24 09:35
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1904354-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/02/24 09:35
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1904354-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,05-06,08 Batch: WG1903788-3 WG1903788-4								
Methylene chloride	94		92		70-130	2		30
1,1-Dichloroethane	111		110		70-130	1		30
Chloroform	105		108		70-130	3		30
Carbon tetrachloride	121		123		70-130	2		30
1,2-Dichloropropane	107		107		70-130	0		30
Dibromochloromethane	101		100		70-130	1		30
1,1,2-Trichloroethane	96		94		70-130	2		30
Tetrachloroethene	101		102		70-130	1		30
Chlorobenzene	98		97		70-130	1		30
Trichlorofluoromethane	118		101		70-139	16		30
1,2-Dichloroethane	110		112		70-130	2		30
1,1,1-Trichloroethane	123		124		70-130	1		30
Bromodichloromethane	111		110		70-130	1		30
trans-1,3-Dichloropropene	106		104		70-130	2		30
cis-1,3-Dichloropropene	114		112		70-130	2		30
Bromoform	95		95		70-130	0		30
1,1,2,2-Tetrachloroethane	93		92		70-130	1		30
Benzene	107		106		70-130	1		30
Toluene	100		97		70-130	3		30
Ethylbenzene	102		100		70-130	2		30
Chloromethane	81		101		52-130	22		30
Bromomethane	97		99		57-147	2		30
Vinyl chloride	85		96		67-130	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,05-06,08 Batch: WG1903788-3 WG1903788-4								
Chloroethane	116		85		50-151	**31**	Q	30
1,1-Dichloroethene	116		115		65-135	1		30
trans-1,2-Dichloroethene	108		109		70-130	1		30
Trichloroethene	114		114		70-130	0		30
1,2-Dichlorobenzene	96		97		70-130	1		30
1,3-Dichlorobenzene	96		97		70-130	1		30
1,4-Dichlorobenzene	96		96		70-130	0		30
Methyl tert butyl ether	107		108		66-130	1		30
p/m-Xylene	105		103		70-130	2		30
o-Xylene	102		100		70-130	2		30
cis-1,2-Dichloroethene	106		106		70-130	0		30
Styrene	105		102		70-130	3		30
Dichlorodifluoromethane	94		93		30-146	1		30
Acetone	88		95		54-140	8		30
Carbon disulfide	105		102		59-130	3		30
2-Butanone	99		97		70-130	2		30
4-Methyl-2-pentanone	94		93		70-130	1		30
2-Hexanone	92		91		70-130	1		30
Bromochloromethane	104		106		70-130	2		30
1,2-Dibromoethane	94		93		70-130	1		30
n-Butylbenzene	106		106		70-130	0		30
sec-Butylbenzene	102		103		70-130	1		30
1,2-Dibromo-3-chloropropane	87		87		68-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,05-06,08 Batch: WG1903788-3 WG1903788-4								
Isopropylbenzene	101		101		70-130	0		30
p-Isopropyltoluene	104		106		70-130	2		30
n-Propylbenzene	100		101		70-130	1		30
1,2,3-Trichlorobenzene	99		102		70-130	3		30
1,2,4-Trichlorobenzene	103		103		70-130	0		30
1,3,5-Trimethylbenzene	101		101		70-130	0		30
1,2,4-Trimethylbenzene	100		100		70-130	0		30
Methyl Acetate	102		102		51-146	0		30
Cyclohexane	120		122		59-142	2		30
1,4-Dioxane	90		91		65-136	1		30
Freon-113	118		117		50-139	1		30
Methyl cyclohexane	105		107		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		107		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	101		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1904354-3 WG1904354-4								
Methylene chloride	84		76		70-130	10		30
1,1-Dichloroethane	111		102		70-130	8		30
Chloroform	89		84		70-130	6		30
Carbon tetrachloride	81		75		70-130	8		30
1,2-Dichloropropane	114		110		70-130	4		30
Dibromochloromethane	98		95		70-130	3		30
1,1,2-Trichloroethane	96		93		70-130	3		30
Tetrachloroethene	85		80		70-130	6		30
Chlorobenzene	97		93		70-130	4		30
Trichlorofluoromethane	70		**62**	Q	70-139	12		30
1,2-Dichloroethane	91		88		70-130	3		30
1,1,1-Trichloroethane	84		78		70-130	7		30
Bromodichloromethane	91		88		70-130	3		30
trans-1,3-Dichloropropene	99		96		70-130	3		30
cis-1,3-Dichloropropene	104		101		70-130	3		30
Bromoform	92		90		70-130	2		30
1,1,2,2-Tetrachloroethane	98		100		70-130	2		30
Benzene	100		95		70-130	5		30
Toluene	99		93		70-130	6		30
Ethylbenzene	97		92		70-130	5		30
Chloromethane	112		97		52-130	14		30
Bromomethane	68		60		57-147	13		30
Vinyl chloride	88		75		67-130	16		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1904354-3 WG1904354-4								
Chloroethane	88		76		50-151	15		30
1,1-Dichloroethene	91		81		65-135	12		30
trans-1,2-Dichloroethene	102		92		70-130	10		30
Trichloroethene	98		92		70-130	6		30
1,2-Dichlorobenzene	94		93		70-130	1		30
1,3-Dichlorobenzene	95		94		70-130	1		30
1,4-Dichlorobenzene	92		92		70-130	0		30
Methyl tert butyl ether	102		94		66-130	8		30
p/m-Xylene	101		96		70-130	5		30
o-Xylene	95		91		70-130	4		30
cis-1,2-Dichloroethene	96		91		70-130	5		30
Styrene	97		94		70-130	3		30
Dichlorodifluoromethane	50		42		30-146	17		30
Acetone	101		91		54-140	10		30
Carbon disulfide	101		85		59-130	17		30
2-Butanone	110		105		70-130	5		30
4-Methyl-2-pentanone	120		115		70-130	4		30
2-Hexanone	114		108		70-130	5		30
Bromochloromethane	95		92		70-130	3		30
1,2-Dibromoethane	91		88		70-130	3		30
n-Butylbenzene	102		98		70-130	4		30
sec-Butylbenzene	102		98		70-130	4		30
1,2-Dibromo-3-chloropropane	97		98		68-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1904354-3 WG1904354-4								
Isopropylbenzene	103		98		70-130	5		30
p-Isopropyltoluene	103		100		70-130	3		30
n-Propylbenzene	98		98		70-130	0		30
1,2,3-Trichlorobenzene	92		94		70-130	2		30
1,2,4-Trichlorobenzene	96		96		70-130	0		30
1,3,5-Trimethylbenzene	96		95		70-130	1		30
1,2,4-Trimethylbenzene	98		97		70-130	1		30
Methyl Acetate	130		118		51-146	10		30
Cyclohexane	111		100		59-142	10		30
1,4-Dioxane	96		93		65-136	3		30
Freon-113	79		69		50-139	14		30
Methyl cyclohexane	85		79		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	87		86		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	96		101		70-130
Dibromofluoromethane	96		92		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-01
Client ID: TP-1 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 14:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/03/24 17:06
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 04/02/24 01:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN **Lab Number:** L2415927

Project Number: 4461.0001B002 **Report Date:** 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-01 Date Collected: 03/22/24 14:00

Client ID: TP-1 2-3 Date Received: 03/22/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	31.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	210		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	140		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	160		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-01
Client ID: TP-1 2-3
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 14:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	46		18-120

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-01
Client ID: TP-1 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 14:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 04/03/24 15:03
Analyst: AC
Percent Solids: 85%

Extraction Method: EPA 1633
Extraction Date: 04/02/24 16:30
Cleanup Method: EPA 1633
Cleanup Date: 04/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.791	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.396	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.791	0.080	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.198	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.198	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.791	0.277	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.198	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.198	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.791	0.383	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.198	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.105	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.791	0.097	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.791	0.145	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.038	1

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-01
Client ID: TP-1 2-3
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 14:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.791	0.194	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.791	0.165	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.099	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.111	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.98	0.248	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.505	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.396	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.396	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.396	0.082	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.396	0.094	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.989	0.142	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.95	0.499	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.95	1.74	1

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-01
Client ID: TP-1 2-3
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 14:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	77		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	82		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	60		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	67		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	79		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	57		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	69		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	96		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	61		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	61		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	52		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	61		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	54		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	49		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	79		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	27		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	31		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	40		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	44		20-150

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-02
Client ID: TP-2 1-2
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 12:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/02/24 08:28
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/01/24 17:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	35	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	24	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN **Lab Number:** L2415927

Project Number: 4461.0001B002 **Report Date:** 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-02 Date Collected: 03/22/24 12:20

Client ID: TP-2 1-2 Date Received: 03/22/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	30	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-02
Client ID: TP-2 1-2
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 12:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	39.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1
Tentatively Identified Compounds						
Total TIC Compounds	400	J	ug/kg			1
Unknown	400	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	54		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	49		18-120

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-03
Client ID: TP-5 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 11:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/02/24 12:21
Analyst: JG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/01/24 17:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1

Project Name: 1681-1689 MAIN **Lab Number:** L2415927

Project Number: 4461.0001B002 **Report Date:** 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-03 Date Collected: 03/22/24 11:00

Client ID: TP-5 2-3 Date Received: 03/22/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	69	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	26	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	37	J	ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-03
Client ID: TP-5 2-3
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 11:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	55		18-120

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-04
Client ID: TP-6 1-2
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 13:10
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/02/24 13:33
Analyst: JG
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 04/01/24 17:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1

Project Name: 1681-1689 MAIN **Lab Number:** L2415927

Project Number: 4461.0001B002 **Report Date:** 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-04 Date Collected: 03/22/24 13:10

Client ID: TP-6 1-2 Date Received: 03/22/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	48	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-04
Client ID: TP-6 1-2
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 13:10
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1
1,4-Dioxane	ND		ug/kg	31	9.4	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	43		18-120

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-05 D
Client ID: TP-7 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 12:40
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/05/24 15:27
Analyst: IM
Percent Solids: 82%

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

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	4600		ug/kg	800	100	5
Hexachlorobenzene	ND		ug/kg	600	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	900	140	5
2-Chloronaphthalene	ND		ug/kg	1000	99.	5
3,3'-Dichlorobenzidine	ND		ug/kg	1000	270	5
2,4-Dinitrotoluene	ND		ug/kg	1000	200	5
2,6-Dinitrotoluene	ND		ug/kg	1000	170	5
Fluoranthene	23000		ug/kg	600	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1000	110	5
4-Bromophenyl phenyl ether	ND		ug/kg	1000	150	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	170	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1100	100	5
Hexachlorobutadiene	ND		ug/kg	1000	150	5
Hexachlorocyclopentadiene	ND		ug/kg	2900	910	5
Hexachloroethane	ND		ug/kg	800	160	5
Isophorone	ND		ug/kg	900	130	5
Naphthalene	3200		ug/kg	1000	120	5
Nitrobenzene	ND		ug/kg	900	150	5
NDPA/DPA	ND		ug/kg	800	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1000	150	5
Bis(2-ethylhexyl)phthalate	450	J	ug/kg	1000	350	5
Butyl benzyl phthalate	610	J	ug/kg	1000	250	5
Di-n-butylphthalate	ND		ug/kg	1000	190	5
Di-n-octylphthalate	ND		ug/kg	1000	340	5
Diethyl phthalate	ND		ug/kg	1000	93.	5
Dimethyl phthalate	ND		ug/kg	1000	210	5
Benzo(a)anthracene	11000		ug/kg	600	110	5
Benzo(a)pyrene	9400		ug/kg	800	240	5

Project Name: 1681-1689 MAIN **Lab Number:** L2415927

Project Number: 4461.0001B002 **Report Date:** 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-05 D Date Collected: 03/22/24 12:40
Client ID: TP-7 2-3 Date Received: 03/22/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	12000		ug/kg	600	170	5
Benzo(k)fluoranthene	3700		ug/kg	600	160	5
Chrysene	8900		ug/kg	600	100	5
Acenaphthylene	ND		ug/kg	800	150	5
Anthracene	6900		ug/kg	600	200	5
Benzo(ghi)perylene	4600		ug/kg	800	120	5
Fluorene	3600		ug/kg	1000	97.	5
Phenanthrene	22000		ug/kg	600	120	5
Dibenzo(a,h)anthracene	1300		ug/kg	600	120	5
Indeno(1,2,3-cd)pyrene	5100		ug/kg	800	140	5
Pyrene	17000		ug/kg	600	99.	5
Biphenyl	280	J	ug/kg	2300	130	5
4-Chloroaniline	ND		ug/kg	1000	180	5
2-Nitroaniline	ND		ug/kg	1000	190	5
3-Nitroaniline	ND		ug/kg	1000	190	5
4-Nitroaniline	ND		ug/kg	1000	410	5
Dibenzofuran	2300		ug/kg	1000	95.	5
2-Methylnaphthalene	980	J	ug/kg	1200	120	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1000	100	5
Acetophenone	ND		ug/kg	1000	120	5
2,4,6-Trichlorophenol	ND		ug/kg	600	190	5
p-Chloro-m-cresol	ND		ug/kg	1000	150	5
2-Chlorophenol	ND		ug/kg	1000	120	5
2,4-Dichlorophenol	ND		ug/kg	900	160	5
2,4-Dimethylphenol	ND		ug/kg	1000	330	5
2-Nitrophenol	ND		ug/kg	2200	380	5
4-Nitrophenol	ND		ug/kg	1400	410	5
2,4-Dinitrophenol	ND		ug/kg	4800	470	5
4,6-Dinitro-o-cresol	ND		ug/kg	2600	480	5
Pentachlorophenol	ND		ug/kg	800	220	5
Phenol	ND		ug/kg	1000	150	5
2-Methylphenol	ND		ug/kg	1000	160	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1400	160	5
2,4,5-Trichlorophenol	ND		ug/kg	1000	190	5
Carbazole	3600		ug/kg	1000	97.	5
Atrazine	ND		ug/kg	800	350	5
Benzaldehyde	ND		ug/kg	1300	270	5

Project Name: 1681-1689 MAIN **Lab Number:** L2415927

Project Number: 4461.0001B002 **Report Date:** 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-05 D Date Collected: 03/22/24 12:40

Client ID: TP-7 2-3 Date Received: 03/22/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	1000	300	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1000	200	5
1,4-Dioxane	ND		ug/kg	150	46.	5
Tentatively Identified Compounds						
Total TIC Compounds	29200	J	ug/kg			5
Unknown PAH	992	J	ug/kg			5
Unknown PAH	2080	J	ug/kg			5
Unknown PAH	1200	J	ug/kg			5
Unknown PAH	1070	J	ug/kg			5
Unknown	1010	J	ug/kg			5
Unknown	1880	J	ug/kg			5
Unknown PAH	1530	J	ug/kg			5
Unknown PAH	1610	J	ug/kg			5
Unknown PAH	1740	J	ug/kg			5
Unknown PAH	2280	J	ug/kg			5
Unknown PAH	1230	J	ug/kg			5
Unknown PAH	1520	J	ug/kg			5
Unknown	3560	J	ug/kg			5
Unknown	2270	J	ug/kg			5
Unknown PAH	5190	J	ug/kg			5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	27		25-120
Phenol-d6	45		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	43		30-120
2,4,6-Tribromophenol	18		10-136
4-Terphenyl-d14	38		18-120

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-06
Client ID: TP-8 3-4
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 11:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/03/24 17:43
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/02/24 01:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	23	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	39	J	ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	34	J	ug/kg	120	22.	1
Benzo(a)pyrene	1000		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN **Lab Number:** L2415927

Project Number: 4461.0001B002 **Report Date:** 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-06 Date Collected: 03/22/24 11:20

Client ID: TP-8 3-4 Date Received: 03/22/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	550		ug/kg	120	32.	1
Benzo(k)fluoranthene	140		ug/kg	120	31.	1
Chrysene	26	J	ug/kg	120	20.	1
Acenaphthylene	47	J	ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	2800		ug/kg	150	23.	1
Fluorene	35	J	ug/kg	190	19.	1
Phenanthrene	30	J	ug/kg	120	23.	1
Dibenzo(a,h)anthracene	780		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	2200		ug/kg	150	27.	1
Pyrene	22	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN **Lab Number:** L2415927

Project Number: 4461.0001B002 **Report Date:** 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-06 Date Collected: 03/22/24 11:20

Client ID: TP-8 3-4 Date Received: 03/22/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	49		18-120

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-06
Client ID: TP-8 3-4
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 11:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 04/03/24 15:16
Analyst: AC
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 04/02/24 16:30
Cleanup Method: EPA 1633
Cleanup Date: 04/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.780	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.390	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.195	0.042	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.780	0.079	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.195	0.045	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.195	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.195	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.195	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.195	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.780	0.273	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.195	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.195	0.076	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.195	0.077	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.195	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.780	0.377	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.195	0.041	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.195	0.097	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.195	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.195	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.195	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.195	0.080	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.195	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.195	0.051	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.195	0.104	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.780	0.096	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.780	0.143	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.195	0.037	1

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-06
Client ID: TP-8 3-4
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 11:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.780	0.191	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.780	0.163	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.195	0.097	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.195	0.109	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.95	0.244	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.95	0.497	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.390	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.390	0.030	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.390	0.081	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.390	0.093	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.974	0.140	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.87	0.492	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.87	1.72	1

Project Name: 1681-1689 MAIN **Lab Number:** L2415927

Project Number: 4461.0001B002 **Report Date:** 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-06 Date Collected: 03/22/24 11:20

Client ID: TP-8 3-4 Date Received: 03/22/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	79		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	82		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	73		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	58		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	70		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	57		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	113		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	61		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	56		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	55		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	60		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	44		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	35		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	29		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	27		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	39		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	42		20-150

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-07
Client ID: TP-9 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 09:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/02/24 13:51
Analyst: JG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 04/01/24 17:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN **Lab Number:** L2415927

Project Number: 4461.0001B002 **Report Date:** 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-07 Date Collected: 03/22/24 09:20

Client ID: TP-9 2-3 Date Received: 03/22/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-07
Client ID: TP-9 2-3
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 09:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	50		18-120

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-08
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 08:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/03/24 18:01
Analyst: JG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 04/02/24 01:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	50	J	ug/kg	160	49.	1

Project Name: 1681-1689 MAIN **Lab Number:** L2415927

Project Number: 4461.0001B002 **Report Date:** 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-08 Date Collected: 03/22/24 08:00

Client ID: BLIND DUP Date Received: 03/22/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	32	J	ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	690		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	400		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-08
Client ID: BLIND DUP
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 08:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	50		18-120

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-08
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 08:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 04/03/24 15:29
Analyst: AC
Percent Solids: 81%

Extraction Method: EPA 1633
Extraction Date: 04/02/24 16:30
Cleanup Method: EPA 1633
Cleanup Date: 04/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.792	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.396	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.792	0.080	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.198	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.198	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.792	0.277	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.198	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.198	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.792	0.384	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.198	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.105	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.792	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.792	0.145	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.038	1

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-08
Client ID: BLIND DUP
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 08:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.792	0.194	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.792	0.166	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.099	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.111	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.98	0.248	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.506	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.396	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.396	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.396	0.082	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.396	0.094	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.990	0.143	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.95	0.500	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.95	1.74	1

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-08
Client ID: BLIND DUP
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 08:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	78		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	66		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	71		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	55		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	67		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	66		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	59		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	68		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	57		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	49		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	82		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	36		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	35		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	42		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	47		20-150

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/02/24 07:33
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 04/01/24 17:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-04,07 Batch: WG1903501-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/02/24 07:33
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 04/01/24 17:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-04,07 Batch: WG1903501-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/02/24 07:33
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 04/01/24 17:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-04,07 Batch: WG1903501-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	24	7.5
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	70		18-120

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/03/24 14:30
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 04/02/24 01:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,06,08 Batch: WG1903570-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	80	J	ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/03/24 14:30
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 04/02/24 01:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,06,08 Batch: WG1903570-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/03/24 14:30
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 04/02/24 01:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,06,08 Batch: WG1903570-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	67		18-120

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/03/24 11:00
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 04/02/24 16:30
Cleanup Method: EPA 1633
Cleanup Date: 04/03/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,06,08 Batch: WG1903924-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/03/24 11:00
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 04/02/24 16:30
Cleanup Method: EPA 1633
Cleanup Date: 04/03/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,06,08 Batch: WG1903924-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/03/24 11:00
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 04/02/24 16:30
Cleanup Method: EPA 1633
Cleanup Date: 04/03/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01,06,08 Batch: WG1903924-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	97		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	87		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	72		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	64		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	74		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	85		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**167**	Q	20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	81		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	67		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	86		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	55		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	39		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	35		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	49		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	50		20-150

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/04/24 12:41
Analyst: RMP

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

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1904670-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/04/24 12:41
Analyst: RMP

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

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1904670-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/04/24 12:41
Analyst: RMP

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

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1904670-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	51		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	49		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07 Batch: WG1903501-2 WG1903501-3								
Acenaphthene	70		70		31-137	0		50
Hexachlorobenzene	78		83		40-140	6		50
Bis(2-chloroethyl)ether	62		60		40-140	3		50
2-Chloronaphthalene	70		71		40-140	1		50
3,3'-Dichlorobenzidine	72		72		40-140	0		50
2,4-Dinitrotoluene	88		92		40-132	4		50
2,6-Dinitrotoluene	84		91		40-140	8		50
Fluoranthene	71		73		40-140	3		50
4-Chlorophenyl phenyl ether	73		75		40-140	3		50
4-Bromophenyl phenyl ether	77		82		40-140	6		50
Bis(2-chloroisopropyl)ether	57		54		40-140	5		50
Bis(2-chloroethoxy)methane	71		71		40-117	0		50
Hexachlorobutadiene	76		74		40-140	3		50
Hexachlorocyclopentadiene	57		60		40-140	5		50
Hexachloroethane	69		65		40-140	6		50
Isophorone	68		68		40-140	0		50
Naphthalene	67		66		40-140	2		50
Nitrobenzene	72		70		40-140	3		50
NDPA/DPA	74		77		36-157	4		50
n-Nitrosodi-n-propylamine	71		70		32-121	1		50
Bis(2-ethylhexyl)phthalate	89		93		40-140	4		50
Butyl benzyl phthalate	88		89		40-140	1		50
Di-n-butylphthalate	83		87		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07 Batch: WG1903501-2 WG1903501-3								
Di-n-octylphthalate	92		93		40-140	1		50
Diethyl phthalate	77		81		40-140	5		50
Dimethyl phthalate	74		79		40-140	7		50
Benzo(a)anthracene	71		71		40-140	0		50
Benzo(a)pyrene	73		71		40-140	3		50
Benzo(b)fluoranthene	76		69		40-140	10		50
Benzo(k)fluoranthene	67		73		40-140	9		50
Chrysene	69		70		40-140	1		50
Acenaphthylene	70		73		40-140	4		50
Anthracene	72		75		40-140	4		50
Benzo(ghi)perylene	67		67		40-140	0		50
Fluorene	69		71		40-140	3		50
Phenanthrene	70		73		40-140	4		50
Dibenzo(a,h)anthracene	69		70		40-140	1		50
Indeno(1,2,3-cd)pyrene	70		70		40-140	0		50
Pyrene	72		74		35-142	3		50
Biphenyl	70		72		37-127	3		50
4-Chloroaniline	57		61		40-140	7		50
2-Nitroaniline	87		93		47-134	7		50
3-Nitroaniline	72		75		26-129	4		50
4-Nitroaniline	77		77		41-125	0		50
Dibenzofuran	71		72		40-140	1		50
2-Methylnaphthalene	68		70		40-140	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07 Batch: WG1903501-2 WG1903501-3								
1,2,4,5-Tetrachlorobenzene	76		76		40-117	0		50
Acetophenone	80		78		14-144	3		50
2,4,6-Trichlorophenol	81		86		30-130	6		50
p-Chloro-m-cresol	78		82		26-103	5		50
2-Chlorophenol	68		66		25-102	3		50
2,4-Dichlorophenol	72		73		30-130	1		50
2,4-Dimethylphenol	76		78		30-130	3		50
2-Nitrophenol	79		80		30-130	1		50
4-Nitrophenol	80		82		11-114	2		50
2,4-Dinitrophenol	60		65		4-130	8		50
4,6-Dinitro-o-cresol	87		95		10-130	9		50
Pentachlorophenol	78		84		17-109	7		50
Phenol	74		74		26-90	0		50
2-Methylphenol	68		67		30-130.	1		50
3-Methylphenol/4-Methylphenol	69		71		30-130	3		50
2,4,5-Trichlorophenol	83		85		30-130	2		50
Carbazole	74		77		54-128	4		50
Atrazine	78		81		40-140	4		50
Benzaldehyde	59		57		40-140	3		50
Caprolactam	89		94		15-130	5		50
2,3,4,6-Tetrachlorophenol	83		86		40-140	4		50
1,4-Dioxane	51		46		40-140	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07 Batch: WG1903501-2 WG1903501-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	69		66		25-120
Phenol-d6	66		65		10-120
Nitrobenzene-d5	72		70		23-120
2-Fluorobiphenyl	69		71		30-120
2,4,6-Tribromophenol	90		94		10-136
4-Terphenyl-d14	72		75		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,06,08 Batch: WG1903570-2 WG1903570-3								
Acenaphthene	85		65		31-137	27		50
Hexachlorobenzene	86		65		40-140	28		50
Bis(2-chloroethyl)ether	84		64		40-140	27		50
2-Chloronaphthalene	84		63		40-140	29		50
3,3'-Dichlorobenzidine	81		69		40-140	16		50
2,4-Dinitrotoluene	84		66		40-132	24		50
2,6-Dinitrotoluene	96		72		40-140	29		50
Fluoranthene	94		72		40-140	27		50
4-Chlorophenyl phenyl ether	88		67		40-140	27		50
4-Bromophenyl phenyl ether	89		68		40-140	27		50
Bis(2-chloroisopropyl)ether	81		62		40-140	27		50
Bis(2-chloroethoxy)methane	87		67		40-117	26		50
Hexachlorobutadiene	88		66		40-140	29		50
Hexachlorocyclopentadiene	48		**30**	Q	40-140	46		50
Hexachloroethane	82		62		40-140	28		50
Isophorone	86		66		40-140	26		50
Naphthalene	83		63		40-140	27		50
Nitrobenzene	90		68		40-140	28		50
NDPA/DPA	86		66		36-157	26		50
n-Nitrosodi-n-propylamine	85		65		32-121	27		50
Bis(2-ethylhexyl)phthalate	86		66		40-140	26		50
Butyl benzyl phthalate	101		75		40-140	30		50
Di-n-butylphthalate	101		75		40-140	30		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,06,08 Batch: WG1903570-2 WG1903570-3								
Di-n-octylphthalate	88		67		40-140	27		50
Diethyl phthalate	88		67		40-140	27		50
Dimethyl phthalate	82		62		40-140	28		50
Benzo(a)anthracene	91		69		40-140	28		50
Benzo(a)pyrene	92		71		40-140	26		50
Benzo(b)fluoranthene	93		72		40-140	25		50
Benzo(k)fluoranthene	87		64		40-140	30		50
Chrysene	87		66		40-140	27		50
Acenaphthylene	83		62		40-140	29		50
Anthracene	89		67		40-140	28		50
Benzo(ghi)perylene	89		67		40-140	28		50
Fluorene	86		66		40-140	26		50
Phenanthrene	85		64		40-140	28		50
Dibenzo(a,h)anthracene	91		69		40-140	28		50
Indeno(1,2,3-cd)pyrene	94		71		40-140	28		50
Pyrene	95		71		35-142	29		50
Biphenyl	80		62		37-127	25		50
4-Chloroaniline	74		60		40-140	21		50
2-Nitroaniline	99		75		47-134	28		50
3-Nitroaniline	79		70		26-129	12		50
4-Nitroaniline	92		71		41-125	26		50
Dibenzofuran	83		63		40-140	27		50
2-Methylnaphthalene	84		64		40-140	27		50

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,06,08 Batch: WG1903570-2 WG1903570-3								
1,2,4,5-Tetrachlorobenzene	87		66		40-117	27		50
Acetophenone	89		68		14-144	27		50
2,4,6-Trichlorophenol	97		73		30-130	28		50
p-Chloro-m-cresol	94		72		26-103	27		50
2-Chlorophenol	94		72		25-102	27		50
2,4-Dichlorophenol	95		72		30-130	28		50
2,4-Dimethylphenol	111		85		30-130	27		50
2-Nitrophenol	109		84		30-130	26		50
4-Nitrophenol	100		76		11-114	27		50
2,4-Dinitrophenol	39		27		4-130	36		50
4,6-Dinitro-o-cresol	64		45		10-130	35		50
Pentachlorophenol	90		66		17-109	31		50
Phenol	85		65		26-90	27		50
2-Methylphenol	94		72		30-130.	27		50
3-Methylphenol/4-Methylphenol	102		78		30-130	27		50
2,4,5-Trichlorophenol	96		73		30-130	27		50
Carbazole	89		67		54-128	28		50
Atrazine	101		78		40-140	26		50
Benzaldehyde	83		64		40-140	26		50
Caprolactam	89		69		15-130	25		50
2,3,4,6-Tetrachlorophenol	99		75		40-140	28		50
1,4-Dioxane	60		49		40-140	20		50

Lab Control Sample Analysis

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,06,08 Batch: WG1903570-2 WG1903570-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	91		69		25-120
Phenol-d6	88		67		10-120
Nitrobenzene-d5	86		66		23-120
2-Fluorobiphenyl	79		59		30-120
2,4,6-Tribromophenol	84		66		10-136
4-Terphenyl-d14	89		66		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

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Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,06,08 Batch: WG1903924-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	118		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	130		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	132		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	121		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	127		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	105		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	126		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	128		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	110		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	112		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	101		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	138		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	133		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	108		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	121		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	106		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	143		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	132		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	86		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	122		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	122		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	86		-		40-150	-		30

Lab Control Sample Analysis

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Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,06,08 Batch: WG1903924-2 LOW LEVEL								
Perfluorotetradecanoic Acid (PFTeDA)	118		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	129		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	136		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	78		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	**156**	Q	-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	126		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	90		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	108		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	118		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	123		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	124		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	125		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	144		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	122		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	95		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	94		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	84		-		40-150	-		30

Lab Control Sample Analysis

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Project Number: 4461.0001B002

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

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,06,08 Batch: WG1903924-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	67				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	72				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	76				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	67				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	80				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	104				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	66				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	67				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	57				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	64				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	59				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	40				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	41				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	49				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	51				20-150

Lab Control Sample Analysis

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,06,08 Batch: WG1903924-3								
Perfluorobutanoic Acid (PFBA)	109		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	124		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	121		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	127		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	122		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	114		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	119		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	118		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	105		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	120		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	109		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	134		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	124		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	118		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	138		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	110		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	114		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	128		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	100		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	128		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	127		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	120		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,06,08 Batch: WG1903924-3								
Perfluorotridecanoic Acid (PFTrDA)	86		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	121		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	122		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	122		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	74		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	144		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	122		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	106		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	102		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	122		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	107		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	128		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	130		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	138		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	133		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	107		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	98		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	129		-		40-150	-		30

Lab Control Sample Analysis

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01,06,08 Batch: WG1903924-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	82				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	69				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	77				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	80				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	77				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	82				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	80				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	115				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	78				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	67				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	61				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	67				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	53				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	88				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	34				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	32				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	49				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	47				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1904670-2 WG1904670-3								
Acenaphthene	43		48		31-137	11		50
Hexachlorobenzene	49		54		40-140	10		50
Bis(2-chloroethyl)ether	41		44		40-140	7		50
2-Chloronaphthalene	44		46		40-140	4		50
3,3'-Dichlorobenzidine	50		54		40-140	8		50
2,4-Dinitrotoluene	52		55		40-132	6		50
2,6-Dinitrotoluene	53		53		40-140	0		50
Fluoranthene	42		47		40-140	11		50
4-Chlorophenyl phenyl ether	46		48		40-140	4		50
4-Bromophenyl phenyl ether	49		51		40-140	4		50
Bis(2-chloroisopropyl)ether	**37**	Q	40		40-140	8		50
Bis(2-chloroethoxy)methane	48		48		40-117	0		50
Hexachlorobutadiene	50		55		40-140	10		50
Hexachlorocyclopentadiene	**16**	Q	**10**	Q	40-140	**51**	Q	50
Hexachloroethane	44		48		40-140	9		50
Isophorone	46		46		40-140	0		50
Naphthalene	43		47		40-140	9		50
Nitrobenzene	47		52		40-140	10		50
NDPA/DPA	46		48		36-157	4		50
n-Nitrosodi-n-propylamine	46		48		32-121	4		50
Bis(2-ethylhexyl)phthalate	56		53		40-140	6		50
Butyl benzyl phthalate	52		56		40-140	7		50
Di-n-butylphthalate	53		53		40-140	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1904670-2 WG1904670-3								
Di-n-octylphthalate	56		56		40-140	0		50
Diethyl phthalate	50		51		40-140	2		50
Dimethyl phthalate	47		48		40-140	2		50
Benzo(a)anthracene	44		47		40-140	7		50
Benzo(a)pyrene	44		48		40-140	9		50
Benzo(b)fluoranthene	43		46		40-140	7		50
Benzo(k)fluoranthene	44		47		40-140	7		50
Chrysene	42		46		40-140	9		50
Acenaphthylene	44		45		40-140	2		50
Anthracene	45		49		40-140	9		50
Benzo(ghi)perylene	43		48		40-140	11		50
Fluorene	43		45		40-140	5		50
Phenanthrene	44		47		40-140	7		50
Dibenzo(a,h)anthracene	44		48		40-140	9		50
Indeno(1,2,3-cd)pyrene	45		48		40-140	6		50
Pyrene	42		48		35-142	13		50
Biphenyl	44		46		37-127	4		50
4-Chloroaniline	41		43		40-140	5		50
2-Nitroaniline	58		60		47-134	3		50
3-Nitroaniline	53		58		26-129	9		50
4-Nitroaniline	51		57		41-125	11		50
Dibenzofuran	44		48		40-140	9		50
2-Methylnaphthalene	44		47		40-140	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1904670-2 WG1904670-3								
1,2,4,5-Tetrachlorobenzene	48		52		40-117	8		50
Acetophenone	53		56		14-144	6		50
2,4,6-Trichlorophenol	53		54		30-130	2		50
p-Chloro-m-cresol	50		52		26-103	4		50
2-Chlorophenol	46		48		25-102	4		50
2,4-Dichlorophenol	48		49		30-130	2		50
2,4-Dimethylphenol	51		52		30-130	2		50
2-Nitrophenol	50		52		30-130	4		50
4-Nitrophenol	46		50		11-114	8		50
2,4-Dinitrophenol	16		5		4-130	**99**	Q	50
4,6-Dinitro-o-cresol	24		10		10-130	**82**	Q	50
Pentachlorophenol	45		50		17-109	11		50
Phenol	49		53		26-90	8		50
2-Methylphenol	45		48		30-130.	6		50
3-Methylphenol/4-Methylphenol	47		48		30-130	2		50
2,4,5-Trichlorophenol	53		55		30-130	4		50
Carbazole	**46**	Q	**50**	Q	54-128	8		50
Atrazine	46		48		40-140	4		50
Benzaldehyde	42		46		40-140	9		50
Caprolactam	57		60		15-130	5		50
2,3,4,6-Tetrachlorophenol	50		55		40-140	10		50
1,4-Dioxane	**30**	Q	**36**	Q	40-140	18		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1904670-2 WG1904670-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	45		49		25-120
Phenol-d6	44		46		10-120
Nitrobenzene-d5	48		52		23-120
2-Fluorobiphenyl	43		44		30-120
2,4,6-Tribromophenol	57		61		10-136
4-Terphenyl-d14	42		47		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07 QC Batch ID: WG1903501-4 WG1903501-5 QC Sample: L2415927-02 Client ID: TP-2 1-2												
Acenaphthene	ND	1590	1000	63		960	60		31-137	4		50
Hexachlorobenzene	ND	1590	1100	69		1000	63		40-140	10		50
Bis(2-chloroethyl)ether	ND	1590	920	58		870	55		40-140	6		50
2-Chloronaphthalene	ND	1590	1000	63		950	60		40-140	5		50
3,3'-Dichlorobenzidine	ND	1590	1100	69		1000	63		40-140	10		50
2,4-Dinitrotoluene	ND	1590	780	49		680	43		40-132	14		50
2,6-Dinitrotoluene	ND	1590	810	51		760	48		40-140	6		50
Fluoranthene	35J	1590	1100	69		970	61		40-140	13		50
4-Chlorophenyl phenyl ether	ND	1590	1000	63		960	60		40-140	4		50
4-Bromophenyl phenyl ether	ND	1590	1100	69		1000	63		40-140	10		50
Bis(2-chloroisopropyl)ether	ND	1590	820	52		760	48		40-140	8		50
Bis(2-chloroethoxy)methane	ND	1590	1000	63		980	62		40-117	2		50
Hexachlorobutadiene	ND	1590	1100	69		1000	63		40-140	10		50
Hexachlorocyclopentadiene	ND	1590	ND	**0**	Q	ND	**0**	Q	40-140	NC		50
Hexachloroethane	ND	1590	720	45		630	40		40-140	13		50
Isophorone	ND	1590	990	62		930	58		40-140	6		50
Naphthalene	ND	1590	1000	63		970	61		40-140	3		50
Nitrobenzene	ND	1590	1000	63		960	60		40-140	4		50
NDPA/DPA	ND	1590	1100	69		1000	63		36-157	10		50
n-Nitrosodi-n-propylamine	ND	1590	1000	63		960	60		32-121	4		50
Bis(2-ethylhexyl)phthalate	ND	1590	1200	76		1100	69		40-140	9		50
Butyl benzyl phthalate	ND	1590	1200	76		1100	69		40-140	9		50
Di-n-butylphthalate	ND	1590	1200	76		1100	69		40-140	9		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07 QC Batch ID: WG1903501-4 WG1903501-5 QC Sample: L2415927-02 Client ID: TP-2 1-2												
Di-n-octylphthalate	ND	1590	1300	82		1200	75		40-140	8		50
Diethyl phthalate	ND	1590	1100	69		1000	63		40-140	10		50
Dimethyl phthalate	ND	1590	1000	63		1000	63		40-140	0		50
Benzo(a)anthracene	24J	1590	1000	63		960	60		40-140	4		50
Benzo(a)pyrene	ND	1590	1200	76		1000	63		40-140	18		50
Benzo(b)fluoranthene	ND	1590	1200	76		980	62		40-140	20		50
Benzo(k)fluoranthene	ND	1590	1000	63		1000	63		40-140	0		50
Chrysene	ND	1590	1000	63		920	58		40-140	8		50
Acenaphthylene	ND	1590	1000	63		940	59		40-140	6		50
Anthracene	ND	1590	1100	69		990	62		40-140	11		50
Benzo(ghi)perylene	ND	1590	940	59		860	54		40-140	9		50
Fluorene	ND	1590	1000	63		930	58		40-140	7		50
Phenanthrene	ND	1590	1100	69		980	62		40-140	12		50
Dibenzo(a,h)anthracene	ND	1590	1000	63		920	58		40-140	8		50
Indeno(1,2,3-cd)pyrene	ND	1590	1000	63		950	60		40-140	5		50
Pyrene	30J	1590	1100	69		970	61		35-142	13		50
Biphenyl	ND	1590	1000	63		960	60		37-127	4		50
4-Chloroaniline	ND	1590	990	62		940	59		40-140	5		50
2-Nitroaniline	ND	1590	1300	82		1300	82		47-134	0		50
3-Nitroaniline	ND	1590	1400	88		1300	82		26-129	7		50
4-Nitroaniline	ND	1590	1300	82		1300	82		41-125	0		50
Dibenzofuran	ND	1590	1000	63		970	61		40-140	3		50
2-Methylnaphthalene	ND	1590	1000	63		990	62		40-140	1		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07 QC Batch ID: WG1903501-4 WG1903501-5 QC Sample: L2415927-02 Client ID: TP-2 1-2												
1,2,4,5-Tetrachlorobenzene	ND	1590	1100	69		1000	63		40-117	10		50
Acetophenone	ND	1590	1200	76		1100	69		14-144	9		50
2,4,6-Trichlorophenol	ND	1590	1200	76		1100	69		30-130	9		50
p-Chloro-m-cresol	ND	1590	1100	69		1100	69		26-103	0		50
2-Chlorophenol	ND	1590	1000	63		960	60		25-102	4		50
2,4-Dichlorophenol	ND	1590	1100	69		1000	63		30-130	10		50
2,4-Dimethylphenol	ND	1590	1100	69		1000	63		30-130	10		50
2-Nitrophenol	ND	1590	620	39		450	**28**	Q	30-130	32		50
4-Nitrophenol	ND	1590	810	51		760	48		11-114	6		50
2,4-Dinitrophenol	ND	1590	ND	**0**	Q	ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1590	ND	**0**	Q	ND	**0**	Q	10-130	NC		50
Pentachlorophenol	ND	1590	1000	63		960	60		17-109	4		50
Phenol	ND	1590	1100	69		1000	63		26-90	10		50
2-Methylphenol	ND	1590	1000	63		950	60		30-130.	5		50
3-Methylphenol/4-Methylphenol	ND	1590	1000	63		970	61		30-130	3		50
2,4,5-Trichlorophenol	ND	1590	1200	76		1100	69		30-130	9		50
Carbazole	ND	1590	1100	69		1000	63		54-128	10		50
Atrazine	ND	1590	1000	63		1000	63		40-140	0		50
Benzaldehyde	ND	1590	1000	63		920	58		40-140	8		50
Caprolactam	ND	1590	1100	69		1100	69		15-130	0		50
2,3,4,6-Tetrachlorophenol	ND	1590	1100	69		1100	69		40-140	0		50
1,4-Dioxane	ND	1590	700	44		640	40		40-140	9		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04,07 QC Batch ID: WG1903501-4 WG1903501-5 QC Sample: L2415927-02 Client ID: TP-2 1-2												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	80		77		10-136
2-Fluorobiphenyl	62		58		30-120
2-Fluorophenol	64		60		25-120
4-Terphenyl-d14	64		57		18-120
Nitrobenzene-d5	66		62		23-120
Phenol-d6	62		56		10-120

PCBS

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-01
Client ID: TP-1 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 14:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/04/24 14:29
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 04/03/24 21:02
Cleanup Method: EPA 3665A
Cleanup Date: 04/04/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/04/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.4	4.92	1	A
Aroclor 1221	ND		ug/kg	55.4	5.55	1	A
Aroclor 1232	ND		ug/kg	55.4	11.7	1	A
Aroclor 1242	ND		ug/kg	55.4	7.46	1	A
Aroclor 1248	ND		ug/kg	55.4	8.30	1	A
Aroclor 1254	ND		ug/kg	55.4	6.06	1	A
Aroclor 1260	ND		ug/kg	55.4	10.2	1	A
Aroclor 1262	ND		ug/kg	55.4	7.03	1	A
Aroclor 1268	ND		ug/kg	55.4	5.74	1	A
PCBs, Total	ND		ug/kg	55.4	4.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-04
Client ID: TP-6 1-2
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 13:10
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/02/24 22:16
Analyst: EMR
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 04/01/24 18:53
Cleanup Method: EPA 3665A
Cleanup Date: 04/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.1	5.07	1	A
Aroclor 1221	ND		ug/kg	57.1	5.72	1	A
Aroclor 1232	ND		ug/kg	57.1	12.1	1	A
Aroclor 1242	ND		ug/kg	57.1	7.70	1	A
Aroclor 1248	ND		ug/kg	57.1	8.57	1	A
Aroclor 1254	ND		ug/kg	57.1	6.25	1	A
Aroclor 1260	ND		ug/kg	57.1	10.6	1	A
Aroclor 1262	ND		ug/kg	57.1	7.26	1	A
Aroclor 1268	ND		ug/kg	57.1	5.92	1	A
PCBs, Total	ND		ug/kg	57.1	5.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-05
Client ID: TP-7 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 12:40
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/04/24 14:16
Analyst: MEO
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 04/03/24 21:02
Cleanup Method: EPA 3665A
Cleanup Date: 04/04/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/04/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.8	5.30	1	A
Aroclor 1221	ND		ug/kg	59.8	5.99	1	A
Aroclor 1232	ND		ug/kg	59.8	12.7	1	A
Aroclor 1242	ND		ug/kg	59.8	8.05	1	A
Aroclor 1248	30.6	J	ug/kg	59.8	8.96	1	B
Aroclor 1254	34.3	J	ug/kg	59.8	6.54	1	A
Aroclor 1260	ND		ug/kg	59.8	11.0	1	A
Aroclor 1262	ND		ug/kg	59.8	7.59	1	A
Aroclor 1268	ND		ug/kg	59.8	6.19	1	A
PCBs, Total	64.9	J	ug/kg	59.8	5.30	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-06
Client ID: TP-8 3-4
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 11:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/04/24 14:22
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/03/24 21:02
Cleanup Method: EPA 3665A
Cleanup Date: 04/04/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/04/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.4	4.92	1	A
Aroclor 1221	ND		ug/kg	55.4	5.55	1	A
Aroclor 1232	ND		ug/kg	55.4	11.7	1	A
Aroclor 1242	ND		ug/kg	55.4	7.47	1	A
Aroclor 1248	ND		ug/kg	55.4	8.31	1	A
Aroclor 1254	ND		ug/kg	55.4	6.06	1	A
Aroclor 1260	ND		ug/kg	55.4	10.2	1	A
Aroclor 1262	ND		ug/kg	55.4	7.04	1	A
Aroclor 1268	ND		ug/kg	55.4	5.74	1	A
PCBs, Total	ND		ug/kg	55.4	4.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-08
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 08:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/04/24 14:36
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 04/03/24 21:02
Cleanup Method: EPA 3665A
Cleanup Date: 04/04/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/04/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.1	5.43	1	A
Aroclor 1221	ND		ug/kg	61.1	6.12	1	A
Aroclor 1232	ND		ug/kg	61.1	13.0	1	A
Aroclor 1242	ND		ug/kg	61.1	8.24	1	A
Aroclor 1248	ND		ug/kg	61.1	9.17	1	A
Aroclor 1254	ND		ug/kg	61.1	6.69	1	A
Aroclor 1260	ND		ug/kg	61.1	11.3	1	A
Aroclor 1262	ND		ug/kg	61.1	7.76	1	A
Aroclor 1268	ND		ug/kg	61.1	6.33	1	A
PCBs, Total	ND		ug/kg	61.1	5.43	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 04/02/24 06:52
Analyst: RMP

Extraction Method: EPA 3546
Extraction Date: 04/01/24 14:34
Cleanup Method: EPA 3665A
Cleanup Date: 04/02/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/02/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 04 Batch: WG1903424-1						
Aroclor 1016	ND		ug/kg	48.1	4.27	A
Aroclor 1221	ND		ug/kg	48.1	4.82	A
Aroclor 1232	ND		ug/kg	48.1	10.2	A
Aroclor 1242	ND		ug/kg	48.1	6.48	A
Aroclor 1248	ND		ug/kg	48.1	7.21	A
Aroclor 1254	ND		ug/kg	48.1	5.26	A
Aroclor 1260	ND		ug/kg	48.1	8.88	A
Aroclor 1262	ND		ug/kg	48.1	6.10	A
Aroclor 1268	ND		ug/kg	48.1	4.98	A
PCBs, Total	ND		ug/kg	48.1	4.27	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 04/04/24 16:05
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 04/03/24 21:02
Cleanup Method: EPA 3665A
Cleanup Date: 04/04/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/04/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,05-06,08 Batch: WG1904504-1						
Aroclor 1016	ND		ug/kg	47.0	4.18	A
Aroclor 1221	ND		ug/kg	47.0	4.71	A
Aroclor 1232	ND		ug/kg	47.0	9.97	A
Aroclor 1242	ND		ug/kg	47.0	6.34	A
Aroclor 1248	ND		ug/kg	47.0	7.06	A
Aroclor 1254	ND		ug/kg	47.0	5.14	A
Aroclor 1260	ND		ug/kg	47.0	8.69	A
Aroclor 1262	ND		ug/kg	47.0	5.97	A
Aroclor 1268	ND		ug/kg	47.0	4.87	A
PCBs, Total	ND		ug/kg	47.0	4.18	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	78		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 04 Batch: WG1903424-2 WG1903424-3									
Aroclor 1016	133		72		40-140	**60**	Q	50	A
Aroclor 1260	79		71		40-140	11		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		62		30-150	A
Decachlorobiphenyl	69		62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		65		30-150	B
Decachlorobiphenyl	62		55		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,05-06,08 Batch: WG1904504-2 WG1904504-3									
Aroclor 1016	80		76		40-140	5		50	A
Aroclor 1260	78		75		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		70		30-150	A
Decachlorobiphenyl	85		82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		72		30-150	B
Decachlorobiphenyl	81		78		30-150	B

PESTICIDES

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-01
Client ID: TP-1 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 14:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/04/24 11:22
Analyst: MMG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 04/03/24 09:43
Cleanup Method: EPA 3620B
Cleanup Date: 04/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.357	1	A
Lindane	ND		ug/kg	0.759	0.339	1	A
Alpha-BHC	ND		ug/kg	0.759	0.216	1	A
Beta-BHC	ND		ug/kg	1.82	0.690	1	A
Heptachlor	ND		ug/kg	0.911	0.408	1	A
Aldrin	ND		ug/kg	1.82	0.641	1	A
Heptachlor epoxide	ND		ug/kg	3.41	1.02	1	A
Endrin	ND		ug/kg	0.759	0.311	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.797	1	A
Endrin ketone	ND		ug/kg	1.82	0.469	1	A
Dieldrin	ND		ug/kg	1.14	0.569	1	A
4,4'-DDE	ND		ug/kg	1.82	0.421	1	A
4,4'-DDD	ND		ug/kg	1.82	0.650	1	A
4,4'-DDT	ND		ug/kg	1.82	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.430	1	A
Endosulfan II	ND		ug/kg	1.82	0.608	1	A
Endosulfan sulfate	ND		ug/kg	0.759	0.361	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.56	1	A
cis-Chlordane	ND		ug/kg	2.28	0.634	1	A
trans-Chlordane	ND		ug/kg	2.28	0.601	1	A
Chlordane	ND		ug/kg	15.2	6.03	1	A

Project Name: 1681-1689 MAIN **Lab Number:** L2415927

Project Number: 4461.0001B002 **Report Date:** 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-01 Date Collected: 03/22/24 14:00

Client ID: TP-1 2-3 Date Received: 03/22/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-01
Client ID: TP-1 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 14:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 04/03/24 18:26
Analyst: JAG
Percent Solids: 85%
Methylation Date: 04/03/24 13:10

Extraction Method: EPA 8151A
Extraction Date: 04/02/24 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	195	12.3	1	A
2,4,5-T	ND		ug/kg	195	6.05	1	A
2,4,5-TP (Silvex)	ND		ug/kg	195	5.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	63		30-150	A
DCAA	66		30-150	B

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-06
Client ID: TP-8 3-4
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 11:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/04/24 11:33
Analyst: MMG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/03/24 09:43
Cleanup Method: EPA 3620B
Cleanup Date: 04/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.87	0.366	1	A
Lindane	ND		ug/kg	0.778	0.348	1	A
Alpha-BHC	ND		ug/kg	0.778	0.221	1	A
Beta-BHC	ND		ug/kg	1.87	0.708	1	A
Heptachlor	ND		ug/kg	0.933	0.418	1	A
Aldrin	ND		ug/kg	1.87	0.657	1	A
Heptachlor epoxide	ND		ug/kg	3.50	1.05	1	A
Endrin	ND		ug/kg	0.778	0.319	1	A
Endrin aldehyde	ND		ug/kg	2.33	0.817	1	A
Endrin ketone	ND		ug/kg	1.87	0.481	1	A
Dieldrin	ND		ug/kg	1.17	0.583	1	A
4,4'-DDE	ND		ug/kg	1.87	0.432	1	A
4,4'-DDD	ND		ug/kg	1.87	0.666	1	A
4,4'-DDT	ND		ug/kg	1.87	1.50	1	A
Endosulfan I	ND		ug/kg	1.87	0.441	1	A
Endosulfan II	ND		ug/kg	1.87	0.624	1	A
Endosulfan sulfate	ND		ug/kg	0.778	0.370	1	A
Methoxychlor	ND		ug/kg	3.50	1.09	1	A
Toxaphene	ND		ug/kg	35.0	9.80	1	A
cis-Chlordane	ND		ug/kg	2.33	0.650	1	A
trans-Chlordane	ND		ug/kg	2.33	0.616	1	A
Chlordane	ND		ug/kg	15.6	6.18	1	A

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-06
Client ID: TP-8 3-4
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 11:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-06
Client ID: TP-8 3-4
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 11:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 04/03/24 18:45
Analyst: JAG
Percent Solids: 84%
Methylation Date: 04/03/24 13:10

Extraction Method: EPA 8151A
Extraction Date: 04/02/24 14:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	194	12.2	1	A
2,4,5-T	ND		ug/kg	194	6.00	1	A
2,4,5-TP (Silvex)	ND		ug/kg	194	5.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	90		30-150	B

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-08
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 08:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/04/24 11:44
Analyst: MMG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 04/03/24 09:43
Cleanup Method: EPA 3620B
Cleanup Date: 04/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.90	0.371	1	A
Lindane	ND		ug/kg	0.790	0.353	1	A
Alpha-BHC	ND		ug/kg	0.790	0.224	1	A
Beta-BHC	ND		ug/kg	1.90	0.719	1	A
Heptachlor	ND		ug/kg	0.948	0.425	1	A
Aldrin	ND		ug/kg	1.90	0.668	1	A
Heptachlor epoxide	ND		ug/kg	3.56	1.07	1	A
Endrin	ND		ug/kg	0.790	0.324	1	A
Endrin aldehyde	ND		ug/kg	2.37	0.830	1	A
Endrin ketone	ND		ug/kg	1.90	0.488	1	A
Dieldrin	ND		ug/kg	1.18	0.593	1	A
4,4'-DDE	ND		ug/kg	1.90	0.439	1	A
4,4'-DDD	ND		ug/kg	1.90	0.676	1	A
4,4'-DDT	ND		ug/kg	1.90	1.52	1	A
Endosulfan I	ND		ug/kg	1.90	0.448	1	A
Endosulfan II	ND		ug/kg	1.90	0.634	1	A
Endosulfan sulfate	ND		ug/kg	0.790	0.376	1	A
Methoxychlor	ND		ug/kg	3.56	1.11	1	A
Toxaphene	ND		ug/kg	35.6	9.96	1	A
cis-Chlordane	ND		ug/kg	2.37	0.661	1	A
trans-Chlordane	ND		ug/kg	2.37	0.626	1	A
Chlordane	ND		ug/kg	15.8	6.28	1	A

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-08
Client ID: BLIND DUP
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 08:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-08
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 08:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 04/04/24 13:46
Analyst: MMG
Percent Solids: 81%
Methylation Date: 04/04/24 05:31

Extraction Method: EPA 8151A
Extraction Date: 04/03/24 10:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	204	12.8	1	A
2,4,5-T	ND		ug/kg	204	6.32	1	A
2,4,5-TP (Silvex)	ND		ug/kg	204	5.42	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	74		30-150	A
DCAA	81		30-150	B

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 04/03/24 17:31
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 04/02/24 14:10

Methylation Date: 04/03/24 13:10

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01,06,08 Batch: WG1903904-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.08	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	70		30-150	A
DCAA	77		30-150	B

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/04/24 10:48
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 04/03/24 09:43
Cleanup Method: EPA 3620B
Cleanup Date: 04/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,06,08 Batch: WG1904246-1						
Delta-BHC	ND		ug/kg	1.59	0.312	A
Lindane	ND		ug/kg	0.663	0.296	A
Alpha-BHC	ND		ug/kg	0.663	0.188	A
Beta-BHC	ND		ug/kg	1.59	0.603	A
Heptachlor	ND		ug/kg	0.796	0.357	A
Aldrin	ND		ug/kg	1.59	0.560	A
Heptachlor epoxide	ND		ug/kg	2.98	0.895	A
Endrin	ND		ug/kg	0.663	0.272	A
Endrin aldehyde	ND		ug/kg	1.99	0.696	A
Endrin ketone	ND		ug/kg	1.59	0.410	A
Dieldrin	ND		ug/kg	0.995	0.497	A
4,4'-DDE	ND		ug/kg	1.59	0.368	A
4,4'-DDD	ND		ug/kg	1.59	0.568	A
4,4'-DDT	ND		ug/kg	1.59	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.376	A
Endosulfan II	ND		ug/kg	1.59	0.532	A
Endosulfan sulfate	ND		ug/kg	0.663	0.316	A
Methoxychlor	ND		ug/kg	2.98	0.928	A
Toxaphene	ND		ug/kg	29.8	8.36	A
cis-Chlordane	ND		ug/kg	1.99	0.554	A
trans-Chlordane	ND		ug/kg	1.99	0.525	A
Chlordane	ND		ug/kg	13.3	5.27	A

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/04/24 10:48
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 04/03/24 09:43
Cleanup Method: EPA 3620B
Cleanup Date: 04/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,06,08 Batch: WG1904246-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	73		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01,06,08 Batch: WG1903904-2 WG1903904-3									
2,4-D	73		82		30-150	12		30	A
2,4,5-T	74		81		30-150	9		30	A
2,4,5-TP (Silvex)	77		87		30-150	12		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	71		77		30-150	A
DCAA	91		92		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,06,08 Batch: WG1904246-2 WG1904246-3									
Delta-BHC	67		63		30-150	6		30	A
Lindane	67		63		30-150	6		30	A
Alpha-BHC	67		63		30-150	6		30	A
Beta-BHC	77		72		30-150	7		30	A
Heptachlor	66		63		30-150	5		30	A
Aldrin	66		62		30-150	6		30	A
Heptachlor epoxide	62		58		30-150	7		30	A
Endrin	78		72		30-150	8		30	A
Endrin aldehyde	76		70		30-150	8		30	A
Endrin ketone	92		84		30-150	9		30	A
Dieldrin	80		75		30-150	6		30	A
4,4'-DDE	72		68		30-150	6		30	A
4,4'-DDD	81		76		30-150	6		30	A
4,4'-DDT	81		75		30-150	8		30	A
Endosulfan I	71		67		30-150	6		30	A
Endosulfan II	78		74		30-150	5		30	A
Endosulfan sulfate	76		69		30-150	10		30	A
Methoxychlor	103		94		30-150	9		30	A
cis-Chlordane	66		62		30-150	6		30	A
trans-Chlordane	78		73		30-150	7		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,06,08 Batch: WG1904246-2 WG1904246-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		52		30-150	A
Decachlorobiphenyl	89		82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		68		30-150	B
Decachlorobiphenyl	77		71		30-150	B

METALS

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-01
Client ID: TP-1 2-3
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 14:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5890		mg/kg	18.1	4.89	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	9.05	0.688	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Arsenic, Total	3.17		mg/kg	1.81	0.376	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Barium, Total	57.2		mg/kg	1.81	0.315	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.298	J	mg/kg	0.905	0.060	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	1.81	0.177	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Calcium, Total	71900		mg/kg	18.1	6.34	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Chromium, Total	9.26		mg/kg	1.81	0.174	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Cobalt, Total	4.88		mg/kg	3.62	0.300	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Copper, Total	12.5		mg/kg	1.81	0.467	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Iron, Total	13900		mg/kg	9.05	1.63	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Lead, Total	13.0		mg/kg	9.05	0.485	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Magnesium, Total	28800		mg/kg	18.1	2.79	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Manganese, Total	463		mg/kg	1.81	0.288	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Mercury, Total	0.073	J	mg/kg	0.078	0.051	1	04/03/24 00:08	04/03/24 15:52	EPA 7471B	1,7471B	MJR
Nickel, Total	10.5		mg/kg	4.52	0.438	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Potassium, Total	887		mg/kg	452	26.1	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	3.62	0.467	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.905	0.512	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Sodium, Total	269	J	mg/kg	362	5.70	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	3.62	0.570	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Vanadium, Total	15.9		mg/kg	1.81	0.367	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM
Zinc, Total	61.7		mg/kg	9.05	0.530	4	04/02/24 23:09	04/05/24 12:58	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-02
Client ID: TP-2 1-2
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 12:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4260		mg/kg	46.5	12.6	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	23.3	1.77	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Arsenic, Total	4.73		mg/kg	4.65	0.968	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Barium, Total	60.3		mg/kg	4.65	0.810	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Beryllium, Total	ND		mg/kg	2.33	0.154	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	4.65	0.456	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Calcium, Total	117000		mg/kg	46.5	16.3	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Chromium, Total	9.08		mg/kg	4.65	0.447	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Cobalt, Total	3.65	J	mg/kg	9.30	0.772	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Copper, Total	13.9		mg/kg	4.65	1.20	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Iron, Total	9720		mg/kg	23.3	4.20	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Lead, Total	161		mg/kg	23.3	1.25	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Magnesium, Total	13800		mg/kg	46.5	7.16	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Manganese, Total	244		mg/kg	4.65	0.740	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Mercury, Total	0.139		mg/kg	0.079	0.052	1	04/03/24 00:08	04/03/24 10:38	EPA 7471B	1,7471B	MJR
Nickel, Total	10.0	J	mg/kg	11.6	1.12	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Potassium, Total	684	J	mg/kg	1160	67.0	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	9.30	1.20	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	2.33	1.32	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Sodium, Total	152	J	mg/kg	930	14.6	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	9.30	1.46	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Vanadium, Total	11.2		mg/kg	4.65	0.944	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC
Zinc, Total	172		mg/kg	23.3	1.36	10	04/02/24 23:09	04/03/24 12:16	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-03
Client ID: TP-5 2-3
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 11:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8940		mg/kg	18.1	4.89	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	9.05	0.688	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Arsenic, Total	3.22		mg/kg	1.81	0.376	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Barium, Total	88.0		mg/kg	1.81	0.315	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.431	J	mg/kg	0.905	0.060	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	1.81	0.177	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Calcium, Total	80300		mg/kg	18.1	6.34	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Chromium, Total	13.3		mg/kg	1.81	0.174	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Cobalt, Total	7.76		mg/kg	3.62	0.300	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Copper, Total	16.1		mg/kg	1.81	0.467	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Iron, Total	18300		mg/kg	9.05	1.63	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Lead, Total	15.2		mg/kg	9.05	0.485	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Magnesium, Total	28000		mg/kg	18.1	2.79	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Manganese, Total	553		mg/kg	1.81	0.288	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.073	0.048	1	04/03/24 00:08	04/03/24 15:56	EPA 7471B	1,7471B	MJR
Nickel, Total	16.9		mg/kg	4.53	0.438	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Potassium, Total	1280		mg/kg	453	26.1	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	3.62	0.467	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.905	0.512	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Sodium, Total	199	J	mg/kg	362	5.70	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Thallium, Total	0.594	J	mg/kg	3.62	0.570	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Vanadium, Total	19.3		mg/kg	1.81	0.368	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM
Zinc, Total	60.4		mg/kg	9.05	0.530	4	04/02/24 23:09	04/05/24 13:02	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-04
Client ID: TP-6 1-2
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 13:10
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1600		mg/kg	9.70	2.62	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Antimony, Total	0.372	J	mg/kg	4.85	0.369	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.65		mg/kg	0.970	0.202	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Barium, Total	18.4		mg/kg	0.970	0.169	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.096	J	mg/kg	0.485	0.032	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.970	0.095	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Calcium, Total	2130		mg/kg	9.70	3.40	2	04/02/24 23:09	04/05/24 13:55	EPA 3050B	1,6010D	MAM
Chromium, Total	4.49		mg/kg	0.970	0.093	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Cobalt, Total	1.35	J	mg/kg	1.94	0.161	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Copper, Total	31.4		mg/kg	0.970	0.250	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Iron, Total	7670		mg/kg	4.85	0.876	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Lead, Total	13.8		mg/kg	4.85	0.260	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Magnesium, Total	839		mg/kg	9.70	1.49	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Manganese, Total	137		mg/kg	0.970	0.154	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.079	0.051	1	04/03/24 00:08	04/03/24 15:59	EPA 7471B	1,7471B	MJR
Nickel, Total	10.1		mg/kg	2.43	0.235	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Potassium, Total	206	J	mg/kg	243	14.0	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.94	0.250	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.485	0.275	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Sodium, Total	366		mg/kg	194	3.06	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.94	0.306	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Vanadium, Total	1.92		mg/kg	0.970	0.197	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF
Zinc, Total	15.9		mg/kg	4.85	0.284	2	04/02/24 23:09	04/04/24 15:33	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-05
Client ID: TP-7 2-3
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 12:40
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10200		mg/kg	24.2	6.52	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	12.1	0.918	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Arsenic, Total	5.79		mg/kg	2.42	0.502	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Barium, Total	80.2		mg/kg	2.42	0.420	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.933	J	mg/kg	1.21	0.080	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.239	J	mg/kg	2.42	0.237	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Calcium, Total	108000		mg/kg	24.2	8.46	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Chromium, Total	14.1		mg/kg	2.42	0.232	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Cobalt, Total	4.84		mg/kg	4.83	0.401	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Copper, Total	20.8		mg/kg	2.42	0.623	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Iron, Total	17600		mg/kg	12.1	2.18	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Lead, Total	23.8		mg/kg	12.1	0.647	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Magnesium, Total	21700		mg/kg	24.2	3.72	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Manganese, Total	756		mg/kg	2.42	0.384	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Mercury, Total	0.071	J	mg/kg	0.088	0.057	1	04/03/24 00:08	04/03/24 16:02	EPA 7471B	1,7471B	MJR
Nickel, Total	18.5		mg/kg	6.04	0.585	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Potassium, Total	1200		mg/kg	604	34.8	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	4.83	0.623	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	1.21	0.684	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Sodium, Total	489		mg/kg	483	7.61	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	4.83	0.761	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Vanadium, Total	13.4		mg/kg	2.42	0.490	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM
Zinc, Total	57.2		mg/kg	12.1	0.708	5	04/02/24 23:09	04/05/24 13:05	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-06
Client ID: TP-8 3-4
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 11:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9260		mg/kg	18.3	4.94	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	9.15	0.695	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Arsenic, Total	2.83		mg/kg	1.83	0.380	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Barium, Total	76.3		mg/kg	1.83	0.318	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.439	J	mg/kg	0.915	0.060	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	1.83	0.179	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Calcium, Total	80400		mg/kg	18.3	6.40	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Chromium, Total	13.0		mg/kg	1.83	0.176	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Cobalt, Total	6.35		mg/kg	3.66	0.304	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Copper, Total	15.9		mg/kg	1.83	0.472	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Iron, Total	17900		mg/kg	9.15	1.65	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Lead, Total	15.0		mg/kg	9.15	0.490	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Magnesium, Total	26400		mg/kg	18.3	2.82	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Manganese, Total	488		mg/kg	1.83	0.291	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.085	0.055	1	04/03/24 00:08	04/03/24 16:05	EPA 7471B	1,7471B	MJR
Nickel, Total	14.7		mg/kg	4.57	0.443	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Potassium, Total	1400		mg/kg	457	26.3	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	3.66	0.472	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.915	0.518	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Sodium, Total	220	J	mg/kg	366	5.76	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Thallium, Total	0.576	J	mg/kg	3.66	0.576	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Vanadium, Total	19.2		mg/kg	1.83	0.371	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM
Zinc, Total	57.4		mg/kg	9.15	0.536	4	04/02/24 23:09	04/05/24 13:09	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-07
Client ID: TP-9 2-3
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 09:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10300		mg/kg	18.5	4.99	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	9.24	0.703	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Arsenic, Total	6.70		mg/kg	1.85	0.385	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Barium, Total	116		mg/kg	1.85	0.322	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.498	J	mg/kg	0.924	0.061	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	1.85	0.181	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Calcium, Total	79900		mg/kg	18.5	6.47	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Chromium, Total	15.0		mg/kg	1.85	0.178	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Cobalt, Total	8.32		mg/kg	3.70	0.307	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Copper, Total	20.3		mg/kg	1.85	0.477	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Iron, Total	22200		mg/kg	9.24	1.67	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Lead, Total	13.8		mg/kg	9.24	0.496	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Magnesium, Total	25600		mg/kg	18.5	2.85	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Manganese, Total	490		mg/kg	1.85	0.294	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.080	0.052	1	04/03/24 00:08	04/03/24 16:09	EPA 7471B	1,7471B	MJR
Nickel, Total	19.2		mg/kg	4.62	0.447	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Potassium, Total	1460		mg/kg	462	26.6	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	3.70	0.477	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.924	0.523	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Sodium, Total	205	J	mg/kg	370	5.82	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Thallium, Total	0.811	J	mg/kg	3.70	0.582	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Vanadium, Total	23.3		mg/kg	1.85	0.375	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM
Zinc, Total	57.6		mg/kg	9.24	0.542	4	04/02/24 23:09	04/05/24 13:23	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-08
Client ID: BLIND DUP
Sample Location: BUFFALO, NY
Date Collected: 03/22/24 08:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7990		mg/kg	19.2	5.18	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Antimony, Total	ND		mg/kg	9.59	0.729	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Arsenic, Total	3.32		mg/kg	1.92	0.399	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Barium, Total	75.5		mg/kg	1.92	0.334	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Beryllium, Total	0.393	J	mg/kg	0.959	0.063	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	1.92	0.188	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Calcium, Total	89900		mg/kg	19.2	6.71	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Chromium, Total	11.4		mg/kg	1.92	0.184	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Cobalt, Total	6.31		mg/kg	3.84	0.318	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Copper, Total	16.0		mg/kg	1.92	0.495	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Iron, Total	16500		mg/kg	9.59	1.73	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Lead, Total	16.2		mg/kg	9.59	0.514	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Magnesium, Total	32200		mg/kg	19.2	2.95	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Manganese, Total	526		mg/kg	1.92	0.305	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.081	0.053	1	04/03/24 00:08	04/03/24 16:12	EPA 7471B	1,7471B	MJR
Nickel, Total	13.9		mg/kg	4.79	0.464	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Potassium, Total	1260		mg/kg	479	27.6	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Selenium, Total	ND		mg/kg	3.84	0.495	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.959	0.543	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Sodium, Total	213	J	mg/kg	384	6.04	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Thallium, Total	ND		mg/kg	3.84	0.604	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Vanadium, Total	18.8		mg/kg	1.92	0.389	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM
Zinc, Total	50.6		mg/kg	9.59	0.562	4	04/02/24 23:09	04/05/24 13:27	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1903922-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Arsenic, Total	0.110	J	mg/kg	0.400	0.083	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	1.40	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.038	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Iron, Total	0.447	J	mg/kg	2.00	0.361	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.064	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.097	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Potassium, Total	20.0	J	mg/kg	100	5.76	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Sodium, Total	13.0	J	mg/kg	80.0	1.26	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	04/02/24 23:09	04/03/24 09:48	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1903923-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/03/24 00:08	04/03/24 10:32	1,7471B	MJR

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002
Lab Number: L2415927
Report Date: 04/05/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1903922-2								
Aluminum, Total	99		-		48-151	-		
Antimony, Total	96		-		1-208	-		
Arsenic, Total	98		-		79-121	-		
Barium, Total	99		-		83-117	-		
Beryllium, Total	103		-		83-117	-		
Cadmium, Total	95		-		83-117	-		
Calcium, Total	98		-		81-119	-		
Chromium, Total	103		-		80-120	-		
Cobalt, Total	95		-		84-115	-		
Copper, Total	94		-		81-118	-		
Iron, Total	108		-		45-155	-		
Lead, Total	96		-		81-117	-		
Magnesium, Total	100		-		76-124	-		
Manganese, Total	96		-		81-117	-		
Nickel, Total	94		-		83-117	-		
Potassium, Total	109		-		71-129	-		
Selenium, Total	98		-		78-122	-		
Silver, Total	105		-		75-124	-		
Sodium, Total	105		-		72-127	-		
Thallium, Total	100		-		80-120	-		
Vanadium, Total	100		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1903922-2					
Zinc, Total	96	-	82-118	-	
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1903923-2					
Mercury, Total	101	-	72-128	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1903922-3 WG1903922-4 QC Sample: L2415927-02 Client ID: TP-2 1-2												
Aluminum, Total	4260	188	3540	**0**	Q	5340	**570**	Q	75-125	**41**	Q	20
Antimony, Total	ND	47.1	44.9	95		44.0	93		75-125	2		20
Arsenic, Total	4.73	11.3	15.6	96		16.8	106		75-125	7		20
Barium, Total	60.3	188	242	96		241	95		75-125	0		20
Beryllium, Total	ND	4.71	4.74	100		4.91	104		75-125	4		20
Cadmium, Total	ND	5	5.19	104		5.34	106		75-125	3		20
Calcium, Total	117000	943	126000	**954**	Q	142000	**2640**	Q	75-125	12		20
Chromium, Total	9.08	18.8	26.6	93		29.1	106		75-125	9		20
Cobalt, Total	3.65J	47.1	47.8	101		50.2	106		75-125	5		20
Copper, Total	13.9	23.6	34.6	88		35.4	91		75-125	2		20
Iron, Total	9720	94.3	7460	**0**	Q	10800	**1140**	Q	75-125	**37**	Q	20
Lead, Total	161	50	216	110		172	**22**	Q	75-125	**23**	Q	20
Magnesium, Total	13800	943	10500	**0**	Q	14300	**53**	Q	75-125	**31**	Q	20
Manganese, Total	244	47.1	218	**0**	Q	368	**262**	Q	75-125	**51**	Q	20
Nickel, Total	10.0J	47.1	52.8	112		57.3	121		75-125	8		20
Potassium, Total	684J	943	1580	**168**	Q	2010	**212**	Q	75-125	**24**	Q	20
Selenium, Total	ND	11.3	9.35J	**0**	Q	10.3	91		75-125	NC		20
Silver, Total	ND	4.71	4.94	105		4.86	103		75-125	2		20
Sodium, Total	152J	943	1110	118		1130	119		75-125	2		20
Thallium, Total	ND	11.3	10.9	96		11.0	97		75-125	1		20
Vanadium, Total	11.2	47.1	56.0	95		60.4	104		75-125	8		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1903922-3 WG1903922-4 QC Sample: L2415927-02 Client ID: TP-2 1-2											
Zinc, Total	172	47.1	197	**53**	Q	201	**61**	Q	75-125	2	20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1903923-3 WG1903923-4 QC Sample: L2415927-02 Client ID: TP-2 1-2											
Mercury, Total	0.139	1.5	1.65	101		1.92	108		80-120	15	20

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2415927
Report Date: 04/05/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1903922-6 QC Sample: L2415927-02 Client ID: TP-2 1-2						
Aluminum, Total	4260	4300	mg/kg	1		20
Calcium, Total	117000	121000	mg/kg	3		20
Iron, Total	9720	10100	mg/kg	4		20
Magnesium, Total	13800	14300	mg/kg	4		20
Manganese, Total	244	256	mg/kg	5		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-01
Client ID: TP-1 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 14:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	03/23/24 09:56	121,2540G	ROI

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-02
Client ID: TP-2 1-2
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 12:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	03/23/24 09:56	121,2540G	ROI

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-03
Client ID: TP-5 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 11:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	03/23/24 09:56	121,2540G	ROI

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-04
Client ID: TP-6 1-2
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 13:10
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.0		%	0.100	NA	1	-	03/23/24 09:56	121,2540G	ROI

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-05
Client ID: TP-7 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 12:40
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.8		%	0.100	NA	1	-	03/23/24 09:56	121,2540G	ROI

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-06
Client ID: TP-8 3-4
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 11:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.7		%	0.100	NA	1	-	03/23/24 09:56	121,2540G	ROI

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-07
Client ID: TP-9 2-3
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 09:20
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	03/23/24 09:56	121,2540G	ROI

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

SAMPLE RESULTS

Lab ID: L2415927-08
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 03/22/24 08:00
Date Received: 03/22/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.9		%	0.100	NA	1	-	03/23/24 09:56	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN

Project Number: 4461.0001B002

Lab Number: L2415927

Report Date: 04/05/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1899909-1 QC Sample: L2415927-02 Client ID: TP-2 1-2						
Solids, Total	83.5	85.5	%	2		20

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2415927-01A	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2415927-01B	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2415927-01C	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2415927-01D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2415927-01E	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		TS(7)
L2415927-01F	Plastic 8oz unpreserved	A	NA		4.6	Y	Absent		A2-1633-DRAFT(90)
L2415927-01G	Glass 500ml/16oz unpreserved	A	NA		4.6	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2415927-01X	Vial MeOH preserved split	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2415927-01Y	Vial Water preserved split	A	NA		4.6	Y	Absent	23-MAR-24 13:21	NYTCL-8260HLW-R2(14)
L2415927-01Z	Vial Water preserved split	A	NA		4.6	Y	Absent	23-MAR-24 13:21	NYTCL-8260HLW-R2(14)
L2415927-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2415927-02A1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2415927-02A2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2415927-02B	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		TS(7)
L2415927-02B1	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		TS(7)
L2415927-02B2	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		TS(7)
L2415927-02C	Glass 120ml/4oz unpreserved	A	NA		4.6	Y	Absent		NYTCL-8270(14)
L2415927-02C1	Glass 120ml/4oz unpreserved	A	NA		4.6	Y	Absent		NYTCL-8270(14)
L2415927-02C2	Glass 120ml/4oz unpreserved	A	NA		4.6	Y	Absent		NYTCL-8270(14)
L2415927-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2415927-03B	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		TS(7)
L2415927-03C	Glass 120ml/4oz unpreserved	A	NA		4.6	Y	Absent		NYTCL-8270(14)
L2415927-04A	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2415927-04B	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2415927-04C	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2415927-04D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MN-TI(180),MG-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2415927-04E	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		TS(7)
L2415927-04F	Vial Large Septa unpreserved (4oz)	A	NA		4.6	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2415927-04G	Vial Large Septa unpreserved (4oz)	A	NA		4.6	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2415927-04X	Vial MeOH preserved split	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2415927-04Y	Vial Water preserved split	A	NA		4.6	Y	Absent	23-MAR-24 13:21	NYTCL-8260HLW-R2(14)
L2415927-04Z	Vial Water preserved split	A	NA		4.6	Y	Absent	23-MAR-24 13:21	NYTCL-8260HLW-R2(14)
L2415927-05A	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2415927-05B	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2415927-05C	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2415927-05D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2415927-05E	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		TS(7)
L2415927-05F	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2415927-05X	Vial MeOH preserved split	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2415927-05Y	Vial Water preserved split	A	NA		4.6	Y	Absent	23-MAR-24 13:21	NYTCL-8260HLW-R2(14)
L2415927-05Z	Vial Water preserved split	A	NA		4.6	Y	Absent	23-MAR-24 13:21	NYTCL-8260HLW-R2(14)
L2415927-06A	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2415927-06B	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2415927-06C	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2415927-06D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2415927-06E	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		TS(7)
L2415927-06F	Plastic 8oz unpreserved	A	NA		4.6	Y	Absent		A2-1633-DRAFT(90)
L2415927-06G	Glass 500ml/16oz unpreserved	A	NA		4.6	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2415927-06X	Vial MeOH preserved split	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2415927-06Y	Vial Water preserved split	A	NA		4.6	Y	Absent	23-MAR-24 13:21	NYTCL-8260HLW-R2(14)
L2415927-06Z	Vial Water preserved split	A	NA		4.6	Y	Absent	23-MAR-24 13:21	NYTCL-8260HLW-R2(14)
L2415927-07A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2415927-07B	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		TS(7)
L2415927-07C	Glass 120ml/4oz unpreserved	A	NA		4.6	Y	Absent		NYTCL-8270(14)
L2415927-08A	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2415927-08B	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2415927-08C	5 gram Encore Sampler	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2415927-08D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2415927-08E	Plastic 2oz unpreserved for TS	A	NA		4.6	Y	Absent		TS(7)
L2415927-08F	Plastic 8oz unpreserved	A	NA		4.6	Y	Absent		A2-1633-DRAFT(90)
L2415927-08G	Glass 500ml/16oz unpreserved	A	NA		4.6	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2415927-08X	Vial MeOH preserved split	A	NA		4.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2415927-08Y	Vial Water preserved split	A	NA		4.6	Y	Absent	23-MAR-24 13:21	NYTCL-8260HLW-R2(14)
L2415927-08Z	Vial Water preserved split	A	NA		4.6	Y	Absent	23-MAR-24 13:21	NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	1681-1689 MAIN	**Lab Number:**	L2415927
Project Number:	4461.0001B002	**Report Date:**	04/05/24

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN	**Lab Number:**	L2415927
Project Number:	4461.0001B002	**Report Date:**	04/05/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN	**Lab Number:**	L2415927
Project Number:	4461.0001B002	**Report Date:**	04/05/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN	**Lab Number:**	L2415927
Project Number:	4461.0001B002	**Report Date:**	04/05/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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Mahwah, NJ 07430: 35 Whitney Rd. Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 3/23/24

ALPHA Job #: L2415927

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information
Project Name: 1681-1689 main
Project Location: Buffalo, NY
Project # 4461-0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL 8260 + TICS	NYTCL 8270 + TICS	Total Metals + Total Hg	NYTCL-8081	NYTCL-8082	Herb-APA	As-NY-1633	Total Bottle	Sample Specific Comments
15927-01	TP-1 2-3	3-22-24	1400	Soil	CEH	X	X	X	X	X	X	X		
02	TP-2 1-2		1220				X	X						
02	TP-2 MS		1220				X	X						
02	TP-2 MSD		1220				X	X						
03	TP-5 2-3		1100				X	X						
04	TP-6 1-2		1310			X	X	X		X				
05	TP-7 2-3		1340			X	X	X		X				
06	TP-8 3-4		1120			X	X	X	X	X	X	X		
07	TP-9 2-3		0920				X	X						
08	Blind Dup		0800			X	X	X	X	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Chris Hackett	3-22-24/1605	[illegible]	3/22/24 1605
[illegible]	3/22/24 1605	[illegible]	3/23/24 0040

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2416128
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	04/08/24

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

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

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2416128
Report Date: 04/08/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2416128-01	TP-10 0.5-2'	SOIL	BUFFALO, NY	03/25/24 13:40	03/25/24
L2416128-02	TP-11 1-2'	SOIL	BUFFALO, NY	03/25/24 11:40	03/25/24
L2416128-03	TP-12 1-2'	SOIL	BUFFALO, NY	03/25/24 11:00	03/25/24
L2416128-04	BLIND DUP	SOIL	BUFFALO, NY	03/25/24 08:00	03/25/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2416128
Project Number:	4461.0001B002	**Report Date:**	04/08/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2416128
Project Number:	4461.0001B002	**Report Date:**	04/08/24

Case Narrative (continued)

Report Submission

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

Semivolatile Organics

The WG1904670-4/-5 MS/MSD recoveries, performed on L2416128-03, are below the acceptance criteria for 2,4-dinitrophenol (0%/0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.

Total Metals

L2416128-02, -03, and -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1904370-1 Method Blank, associated with L2416128-02 through -04, has a concentration above the reporting limit for chromium. Since the associated sample concentrations are greater than 10x the blank concentration, no corrective action is required.

The WG1904370-3/-4 MS/MSD recoveries for aluminum (0%/417%), calcium (0%/0%), iron (0%/1310%), magnesium (0%/0%), and manganese (0%/52%), performed on L2416128-03, do not apply because the sample concentrations are greater than four times the spike amounts added. The MS/MSD RPD for aluminum (23%) is above the acceptance criteria.

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

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 04/08/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-01
Client ID: TP-10 0.5-2'
Sample Location: BUFFALO, NY

Date Collected: 03/25/24 13:40
Date Received: 03/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/03/24 14:02
Analyst: JIC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	0.22	J	ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	ND		ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.93	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	ND		ug/kg	1.3	0.73	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.4	1.2	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1
Trichloroethene	0.70		ug/kg	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-01 Date Collected: 03/25/24 13:40

Client ID: TP-10 0.5-2' Date Received: 03/25/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.75	1
o-Xylene	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	ND		ug/kg	13	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
Methyl Acetate	ND		ug/kg	5.4	1.3	1
Cyclohexane	ND		ug/kg	13	0.73	1
1,4-Dioxane	ND		ug/kg	110	47.	1
Freon-113	ND		ug/kg	5.4	0.93	1
Methyl cyclohexane	ND		ug/kg	5.4	0.81	1

Tentatively Identified Compounds				
Total TIC Compounds	3.36	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	3.36	NJ	ug/kg	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-01 Date Collected: 03/25/24 13:40

Client ID: TP-10 0.5-2' Date Received: 03/25/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-02
Client ID: TP-11 1-2'
Sample Location: BUFFALO, NY

Date Collected: 03/25/24 11:40
Date Received: 03/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/03/24 15:19
Analyst: JIC
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.18	1
Chloroform	0.18	J	ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	0.30	J	ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.88	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.21	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.1	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.69	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.1	1.2	1
Bromomethane	ND		ug/kg	2.5	0.74	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.5	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	29		ug/kg	0.64	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-02 Date Collected: 03/25/24 11:40

Client ID: TP-11 1-2' Date Received: 03/25/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.26	1
p/m-Xylene	ND		ug/kg	2.5	0.71	1
o-Xylene	1.4		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.1	1
Carbon disulfide	ND		ug/kg	13	5.8	1
2-Butanone	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
n-Butylbenzene	16		ug/kg	1.3	0.21	1
sec-Butylbenzene	5.5		ug/kg	1.3	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.3	1
Isopropylbenzene	0.57	J	ug/kg	1.3	0.14	1
p-Isopropyltoluene	17		ug/kg	1.3	0.14	1
n-Propylbenzene	1.2	J	ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.35	1
1,3,5-Trimethylbenzene	53		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	1.3	J	ug/kg	2.5	0.42	1
Methyl Acetate	ND		ug/kg	5.1	1.2	1
Cyclohexane	ND		ug/kg	13	0.69	1
1,4-Dioxane	ND		ug/kg	100	45.	1
Freon-113	ND		ug/kg	5.1	0.88	1
Methyl cyclohexane	ND		ug/kg	5.1	0.77	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-02 Date Collected: 03/25/24 11:40

Client ID: TP-11 1-2' Date Received: 03/25/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	908	J	ug/kg			1
Unknown Alkane	78.4	J	ug/kg			1
Unknown Cycloalkane	103	J	ug/kg			1
Heptane, 3-ethyl-2-methyl-	75.4	NJ	ug/kg			1
Decane (C10)	129	NJ	ug/kg			1
Nonane (C9)	59.0	NJ	ug/kg			1
Unknown Alkane	64.9	J	ug/kg			1
Unknown Cyclohexane	70.0	J	ug/kg			1
Unknown Alkane	166	J	ug/kg			1
Unknown	79.3	J	ug/kg			1
Unknown Alkane	83.2	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	104		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-03
Client ID: TP-12 1-2'
Sample Location: BUFFALO, NY

Date Collected: 03/25/24 11:00
Date Received: 03/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/03/24 14:40
Analyst: JIC
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	0.56		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-03 Date Collected: 03/25/24 11:00

Client ID: TP-12 1-2' Date Received: 03/25/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.59	1
1,4-Dioxane	ND		ug/kg	87	38.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Tentatively Identified Compounds				
Total TIC Compounds	2.82	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.82	NJ	ug/kg	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-03 Date Collected: 03/25/24 11:00

Client ID: TP-12 1-2' Date Received: 03/25/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/03/24 10:48
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1904841-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.20	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/03/24 10:48
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1904841-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	6.7	J	ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/03/24 10:48
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-03 Batch: WG1904841-5					
Tentatively Identified Compounds					
Total TIC Compounds	3.53	J	ug/kg		
Cyclotrisiloxane, Hexamethyl-	3.53	NJ	ug/kg		

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

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1904841-3 WG1904841-4								
Methylene chloride	89		89		70-130	0		30
1,1-Dichloroethane	104		105		70-130	1		30
Chloroform	94		96		70-130	2		30
Carbon tetrachloride	85		87		70-130	2		30
1,2-Dichloropropane	106		108		70-130	2		30
Dibromochloromethane	90		91		70-130	1		30
1,1,2-Trichloroethane	92		93		70-130	1		30
Tetrachloroethene	83		84		70-130	1		30
Chlorobenzene	90		91		70-130	1		30
Trichlorofluoromethane	79		80		70-139	1		30
1,2-Dichloroethane	103		103		70-130	0		30
1,1,1-Trichloroethane	90		93		70-130	3		30
Bromodichloromethane	96		98		70-130	2		30
trans-1,3-Dichloropropene	94		94		70-130	0		30
cis-1,3-Dichloropropene	99		100		70-130	1		30
Bromoform	86		87		70-130	1		30
1,1,2,2-Tetrachloroethane	95		93		70-130	2		30
Benzene	95		97		70-130	2		30
Toluene	89		90		70-130	1		30
Ethylbenzene	91		92		70-130	1		30
Chloromethane	91		89		52-130	2		30
Bromomethane	75		79		57-147	5		30
Vinyl chloride	85		85		67-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1904841-3 WG1904841-4								
Chloroethane	96		96		50-151	0		30
1,1-Dichloroethene	88		89		65-135	1		30
trans-1,2-Dichloroethene	92		94		70-130	2		30
Trichloroethene	92		94		70-130	2		30
1,2-Dichlorobenzene	88		89		70-130	1		30
1,3-Dichlorobenzene	88		89		70-130	1		30
1,4-Dichlorobenzene	89		90		70-130	1		30
Methyl tert butyl ether	99		97		66-130	2		30
p/m-Xylene	90		92		70-130	2		30
o-Xylene	90		92		70-130	2		30
cis-1,2-Dichloroethene	92		93		70-130	1		30
Styrene	93		95		70-130	2		30
Dichlorodifluoromethane	47		47		30-146	0		30
Acetone	130		121		54-140	7		30
Carbon disulfide	79		80		59-130	1		30
2-Butanone	117		110		70-130	6		30
4-Methyl-2-pentanone	112		109		70-130	3		30
2-Hexanone	114		108		70-130	5		30
Bromochloromethane	93		94		70-130	1		30
1,2-Dibromoethane	93		92		70-130	1		30
n-Butylbenzene	87		90		70-130	3		30
sec-Butylbenzene	86		89		70-130	3		30
1,2-Dibromo-3-chloropropane	88		87		68-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 Batch: WG1904841-3 WG1904841-4								
Isopropylbenzene	88		91		70-130	3		30
p-Isopropyltoluene	87		90		70-130	3		30
n-Propylbenzene	89		91		70-130	2		30
1,2,3-Trichlorobenzene	100		102		70-130	2		30
1,2,4-Trichlorobenzene	92		94		70-130	2		30
1,3,5-Trimethylbenzene	89		91		70-130	2		30
1,2,4-Trimethylbenzene	90		92		70-130	2		30
Methyl Acetate	117		110		51-146	6		30
Cyclohexane	96		98		59-142	2		30
1,4-Dioxane	97		94		65-136	3		30
Freon-113	78		79		50-139	1		30
Methyl cyclohexane	76		79		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		104		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	107		107		70-130
Dibromofluoromethane	103		104		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2416128
Report Date: 04/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1904841-6 WG1904841-7 QC Sample: L2416128-03 Client ID: TP-12 1-2'												
Methylene chloride	ND	178	120	**66**	Q	110	85		70-130	7		30
1,1-Dichloroethane	ND	178	150	85		150	115		70-130	1		30
Chloroform	ND	178	130	72		120	95		70-130	4		30
Carbon tetrachloride	ND	178	140	78		150	115		70-130	8		30
1,2-Dichloropropane	ND	178	140	80		130	102		70-130	7		30
Dibromochloromethane	ND	178	100	**58**	Q	89	**68**	Q	70-130	16		30
1,1,2-Trichloroethane	ND	178	110	**60**	Q	89	**69**	Q	70-130	17		30
Tetrachloroethene	ND	178	97	**55**	Q	99	76		70-130	2		30
Chlorobenzene	ND	178	91	**51**	Q	85	**65**	Q	70-130	7		30
Trichlorofluoromethane	ND	178	150	83		170	129		70-139	13		30
1,2-Dichloroethane	ND	178	130	74		120	89		70-130	14		30
1,1,1-Trichloroethane	ND	178	140	79		150	114		70-130	6		30
Bromodichloromethane	ND	178	120	70		110	86		70-130	10		30
trans-1,3-Dichloropropene	ND	178	100	**57**	Q	88	**68**	Q	70-130	14		30
cis-1,3-Dichloropropene	ND	178	120	**68**	Q	110	83		70-130	11		30
Bromoform	ND	178	96	**54**	Q	78	**60**	Q	70-130	21		30
1,1,2,2-Tetrachloroethane	ND	178	99	**55**	Q	79	**61**	Q	70-130	22		30
Benzene	ND	178	130	73		130	99		70-130	2		30
Toluene	ND	178	110	**60**	Q	100	79		70-130	3		30
Ethylbenzene	ND	178	94	**53**	Q	91	70		70-130	3		30
Chloromethane	ND	178	150	82		170	**132**	Q	52-130	17		30
Bromomethane	ND	178	120	65		130	96		57-147	7		30
Vinyl chloride	ND	178	150	82		170	**131**	Q	67-130	16		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1904841-6 WG1904841-7 QC Sample: L2416128-03 Client ID: TP-12 1-2'												
Chloroethane	ND	178	150	86		170	129		50-151	9		30
1,1-Dichloroethene	ND	178	140	81		160	121		65-135	9		30
trans-1,2-Dichloroethene	ND	178	130	74		130	102		70-130	2		30
Trichloroethene	0.56	178	130	73		130	100		70-130	0		30
1,2-Dichlorobenzene	ND	178	65	**36**	Q	54	**42**	Q	70-130	17		30
1,3-Dichlorobenzene	ND	178	61	**34**	Q	54	**42**	Q	70-130	12		30
1,4-Dichlorobenzene	ND	178	60	**34**	Q	52	**40**	Q	70-130	14		30
Methyl tert butyl ether	ND	178	130	72		110	82		66-130	19		30
p/m-Xylene	ND	356	180	**50**	Q	170	**66**	Q	70-130	4		30
o-Xylene	ND	356	180	**51**	Q	170	**65**	Q	70-130	6		30
cis-1,2-Dichloroethene	ND	178	120	**69**	Q	120	91		70-130	4		30
Styrene	ND	356	170	**49**	Q	160	**61**	Q	70-130	10		30
Dichlorodifluoromethane	ND	178	93	52		170	131		30-146	**58**	Q	30
Acetone	ND	178	160	92		120	94		54-140	29		30
Carbon disulfide	ND	178	120	67		130	99		59-130	8		30
2-Butanone	ND	178	160	88		120	89		70-130	29		30
4-Methyl-2-pentanone	ND	178	140	79		110	84		70-130	26		30
2-Hexanone	ND	178	140	80		110	82		70-130	29		30
Bromochloromethane	ND	178	120	**68**	Q	110	81		70-130	13		30
1,2-Dibromoethane	ND	178	110	**60**	Q	87	**67**	Q	70-130	19		30
n-Butylbenzene	ND	178	48	**27**	Q	48	**37**	Q	70-130	1		30
sec-Butylbenzene	ND	178	67	**38**	Q	68	**52**	Q	70-130	2		30
1,2-Dibromo-3-chloropropane	ND	178	98	**55**	Q	73	**56**	Q	68-130	30		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2416128
Report Date: 04/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1904841-6 WG1904841-7 QC Sample: L2416128-03 Client ID: TP-12 1-2'												
Isopropylbenzene	ND	178	85	**48**	Q	84	**65**	Q	70-130	0		30
p-Isopropyltoluene	ND	178	60	**34**	Q	58	**45**	Q	70-130	3		30
n-Propylbenzene	ND	178	72	**41**	Q	72	**55**	Q	70-130	1		30
1,2,3-Trichlorobenzene	ND	178	35	**20**	Q	34	**26**	Q	70-130	5		30
1,2,4-Trichlorobenzene	ND	178	38	**21**	Q	33	**26**	Q	70-130	13		30
1,3,5-Trimethylbenzene	ND	178	72	**41**	Q	69	**53**	Q	70-130	5		30
1,2,4-Trimethylbenzene	ND	178	68	**38**	Q	63	**49**	Q	70-130	8		30
Methyl Acetate	ND	178	170	93		130	99		51-146	24		30
Cyclohexane	ND	178	180	99		200	**152**	Q	59-142	11		30
1,4-Dioxane	ND	8890	6400	72		5100	78		65-136	24		30
Freon-113	ND	178	150	83		170	131		50-139	15		30
Methyl cyclohexane	ND	178	130	72		150	116		70-130	16		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		107		70-130
4-Bromofluorobenzene	108		108		70-130
Dibromofluoromethane	106		105		70-130
Toluene-d8	98		99		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-01
Client ID: TP-10 0.5-2'
Sample Location: BUFFALO, NY

Date Collected: 03/25/24 13:40
Date Received: 03/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/06/24 02:35
Analyst: EK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 04/04/24 21:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-01 Date Collected: 03/25/24 13:40

Client ID: TP-10 0.5-2' Date Received: 03/25/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-01 Date Collected: 03/25/24 13:40

Client ID: TP-10 0.5-2' Date Received: 03/25/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	62		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-02
Client ID: TP-11 1-2'
Sample Location: BUFFALO, NY

Date Collected: 03/25/24 11:40
Date Received: 03/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/06/24 04:15
Analyst: EK
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 04/04/24 21:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	130		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	76	J	ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	64	J	ug/kg	120	24.	1
Benzo(a)pyrene	58	J	ug/kg	170	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-02 Date Collected: 03/25/24 11:40

Client ID: TP-11 1-2' Date Received: 03/25/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	76	J	ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	63	J	ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	120	41.	1
Benzo(ghi)perylene	32	J	ug/kg	170	24.	1
Fluorene	20	J	ug/kg	210	20.	1
Phenanthrene	120		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	31	J	ug/kg	170	29.	1
Pyrene	100	J	ug/kg	120	21.	1
Biphenyl	ND		ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	28	J	ug/kg	210	20.	1
2-Methylnaphthalene	140	J	ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	ND		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	280	56.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-02 Date Collected: 03/25/24 11:40

Client ID: TP-11 1-2' Date Received: 03/25/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1
1,4-Dioxane	ND		ug/kg	31	9.6	1
Tentatively Identified Compounds						
Total TIC Compounds	16400	J	ug/kg			1
Unknown Cycloalkane	627	J	ug/kg			1
Unknown Alkane	3390	J	ug/kg			1
Unknown	426	J	ug/kg			1
Unknown	712	J	ug/kg			1
Unknown Alkane	402	J	ug/kg			1
Unknown Benzene	699	J	ug/kg			1
Unknown	1190	J	ug/kg			1
Unknown	524	J	ug/kg			1
Unknown Alkane	2120	J	ug/kg			1
Unknown	1020	J	ug/kg			1
Unknown Alkane	1810	J	ug/kg			1
Unknown Alkane	811	J	ug/kg			1
Unknown Alkane	579	J	ug/kg			1
Unknown Alkane	640	J	ug/kg			1
Unknown Alkane	1450	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	66		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-03
Client ID: TP-12 1-2'
Sample Location: BUFFALO, NY

Date Collected: 03/25/24 11:00
Date Received: 03/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/06/24 06:46
Analyst: EK
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 04/04/24 21:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	57	J	ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	57.	1
2,4-Dinitrotoluene	ND		ug/kg	210	43.	1
2,6-Dinitrotoluene	ND		ug/kg	210	37.	1
Fluoranthene	460		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	350		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	74.	1
Butyl benzyl phthalate	ND		ug/kg	210	54.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	73.	1
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	45.	1
Benzo(a)anthracene	220		ug/kg	130	24.	1
Benzo(a)pyrene	230		ug/kg	170	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-03 Date Collected: 03/25/24 11:00

Client ID: TP-12 1-2' Date Received: 03/25/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	260		ug/kg	130	36.	1
Benzo(k)fluoranthene	88	J	ug/kg	130	34.	1
Chrysene	210		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	99	J	ug/kg	130	42.	1
Benzo(ghi)perylene	130	J	ug/kg	170	25.	1
Fluorene	56	J	ug/kg	210	21.	1
Phenanthrene	400		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	45	J	ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	100	J	ug/kg	170	30.	1
Pyrene	380		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	490	28.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	88	J	ug/kg	210	20.	1
2-Methylnaphthalene	290		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	87.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Carbazole	48	J	ug/kg	210	21.	1
Atrazine	ND		ug/kg	170	75.	1
Benzaldehyde	ND		ug/kg	280	58.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-03 Date Collected: 03/25/24 11:00

Client ID: TP-12 1-2' Date Received: 03/25/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	65.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	43.	1
1,4-Dioxane	ND		ug/kg	32	9.8	1
Tentatively Identified Compounds						
Total TIC Compounds	191	J	ug/kg			1
Unknown Benzene	191	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	78		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-03
Client ID: TP-12 1-2'
Sample Location: BUFFALO, NY

Date Collected: 03/25/24 11:00
Date Received: 03/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 04/05/24 13:49
Analyst: JW
Percent Solids: 76%

Extraction Method: EPA 1633
Extraction Date: 04/04/24 17:10
Cleanup Method: EPA 1633
Cleanup Date: 04/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.754	0.048	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.377	0.053	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.188	0.041	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.754	0.076	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.188	0.044	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.188	0.022	1
Perfluoroheptanoic Acid (PFHpA)	0.031	J	ng/g	0.188	0.022	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.188	0.056	1
Perfluorooctanoic Acid (PFOA)	0.060	J	ng/g	0.188	0.049	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.754	0.264	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.188	0.035	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.188	0.074	1
Perfluorooctanesulfonic Acid (PFOS)	0.184	J	ng/g	0.188	0.075	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.188	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.754	0.365	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.188	0.040	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.188	0.094	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.188	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.188	0.030	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.188	0.041	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.188	0.078	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.188	0.038	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.188	0.050	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.188	0.100	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.754	0.093	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.754	0.138	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.188	0.036	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-03 Date Collected: 03/25/24 11:00

Client ID: TP-12 1-2' Date Received: 03/25/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.754	0.185	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.754	0.158	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.188	0.094	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.188	0.106	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.88	0.236	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.88	0.481	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.377	0.038	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.377	0.029	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.377	0.078	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.377	0.090	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.942	0.136	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.71	0.476	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.71	1.66	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-03 Date Collected: 03/25/24 11:00

Client ID: TP-12 1-2' Date Received: 03/25/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	102		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	107		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	124		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	95		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	89		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	74		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	99		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	48		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	55		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	49		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	79		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	80		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-04
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 03/25/24 08:00
Date Received: 03/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/06/24 04:32
Analyst: EK
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 04/04/24 21:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	180		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	45	J	ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	91	J	ug/kg	130	24.	1
Benzo(a)pyrene	90	J	ug/kg	170	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-04 Date Collected: 03/25/24 08:00

Client ID: BLIND DUP Date Received: 03/25/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	120	J	ug/kg	130	36.	1
Benzo(k)fluoranthene	39	J	ug/kg	130	34.	1
Chrysene	83	J	ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	49	J	ug/kg	170	25.	1
Fluorene	20	J	ug/kg	210	20.	1
Phenanthrene	140		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	48	J	ug/kg	170	30.	1
Pyrene	150		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	28.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	20	J	ug/kg	210	20.	1
2-Methylnaphthalene	55	J	ug/kg	250	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	46	J	ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	99.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	ND		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	74.	1
Benzaldehyde	ND		ug/kg	280	57.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-04 Date Collected: 03/25/24 08:00

Client ID: BLIND DUP Date Received: 03/25/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	43.	1
1,4-Dioxane	ND		ug/kg	32	9.7	1
Tentatively Identified Compounds						
Total TIC Compounds	2570	J	ug/kg			1
Unknown Alkane	229	J	ug/kg			1
Unknown Alkane	406	J	ug/kg			1
Unknown Alkane	648	J	ug/kg			1
Trichloroethene	273	NJ	ug/kg			1
Unknown Alkane	600	J	ug/kg			1
Unknown Alkane	417	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	72		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/04/24 12:41
Analyst: RMP

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

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1904670-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/04/24 12:41
Analyst: RMP

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

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1904670-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/04/24 12:41
Analyst: RMP

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

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1904670-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	51		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	49		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/05/24 13:10
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 04/04/24 17:10
Cleanup Method: EPA 1633
Cleanup Date: 04/05/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1904896-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/05/24 13:10
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 04/04/24 17:10
Cleanup Method: EPA 1633
Cleanup Date: 04/05/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1904896-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/05/24 13:10
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 04/04/24 17:10
Cleanup Method: EPA 1633
Cleanup Date: 04/05/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1904896-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	96		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	93		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	107		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	95		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	112		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	84		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	112		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	106		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	90		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	83		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	119		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	47		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	100		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	62		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	56		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	86		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	89		20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1904670-2 WG1904670-3								
Acenaphthene	43		48		31-137	11		50
Hexachlorobenzene	49		54		40-140	10		50
Bis(2-chloroethyl)ether	41		44		40-140	7		50
2-Chloronaphthalene	44		46		40-140	4		50
3,3'-Dichlorobenzidine	50		54		40-140	8		50
2,4-Dinitrotoluene	52		55		40-132	6		50
2,6-Dinitrotoluene	53		53		40-140	0		50
Fluoranthene	42		47		40-140	11		50
4-Chlorophenyl phenyl ether	46		48		40-140	4		50
4-Bromophenyl phenyl ether	49		51		40-140	4		50
Bis(2-chloroisopropyl)ether	**37**	Q	40		40-140	8		50
Bis(2-chloroethoxy)methane	48		48		40-117	0		50
Hexachlorobutadiene	50		55		40-140	10		50
Hexachlorocyclopentadiene	**16**	Q	**10**	Q	40-140	**51**	Q	50
Hexachloroethane	44		48		40-140	9		50
Isophorone	46		46		40-140	0		50
Naphthalene	43		47		40-140	9		50
Nitrobenzene	47		52		40-140	10		50
NDPA/DPA	46		48		36-157	4		50
n-Nitrosodi-n-propylamine	46		48		32-121	4		50
Bis(2-ethylhexyl)phthalate	56		53		40-140	6		50
Butyl benzyl phthalate	52		56		40-140	7		50
Di-n-butylphthalate	53		53		40-140	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1904670-2 WG1904670-3								
Di-n-octylphthalate	56		56		40-140	0		50
Diethyl phthalate	50		51		40-140	2		50
Dimethyl phthalate	47		48		40-140	2		50
Benzo(a)anthracene	44		47		40-140	7		50
Benzo(a)pyrene	44		48		40-140	9		50
Benzo(b)fluoranthene	43		46		40-140	7		50
Benzo(k)fluoranthene	44		47		40-140	7		50
Chrysene	42		46		40-140	9		50
Acenaphthylene	44		45		40-140	2		50
Anthracene	45		49		40-140	9		50
Benzo(ghi)perylene	43		48		40-140	11		50
Fluorene	43		45		40-140	5		50
Phenanthrene	44		47		40-140	7		50
Dibenzo(a,h)anthracene	44		48		40-140	9		50
Indeno(1,2,3-cd)pyrene	45		48		40-140	6		50
Pyrene	42		48		35-142	13		50
Biphenyl	44		46		37-127	4		50
4-Chloroaniline	41		43		40-140	5		50
2-Nitroaniline	58		60		47-134	3		50
3-Nitroaniline	53		58		26-129	9		50
4-Nitroaniline	51		57		41-125	11		50
Dibenzofuran	44		48		40-140	9		50
2-Methylnaphthalene	44		47		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1904670-2 WG1904670-3								
1,2,4,5-Tetrachlorobenzene	48		52		40-117	8		50
Acetophenone	53		56		14-144	6		50
2,4,6-Trichlorophenol	53		54		30-130	2		50
p-Chloro-m-cresol	50		52		26-103	4		50
2-Chlorophenol	46		48		25-102	4		50
2,4-Dichlorophenol	48		49		30-130	2		50
2,4-Dimethylphenol	51		52		30-130	2		50
2-Nitrophenol	50		52		30-130	4		50
4-Nitrophenol	46		50		11-114	8		50
2,4-Dinitrophenol	16		5		4-130	**99**	Q	50
4,6-Dinitro-o-cresol	24		10		10-130	**82**	Q	50
Pentachlorophenol	45		50		17-109	11		50
Phenol	49		53		26-90	8		50
2-Methylphenol	45		48		30-130.	6		50
3-Methylphenol/4-Methylphenol	47		48		30-130	2		50
2,4,5-Trichlorophenol	53		55		30-130	4		50
Carbazole	**46**	Q	**50**	Q	54-128	8		50
Atrazine	46		48		40-140	4		50
Benzaldehyde	42		46		40-140	9		50
Caprolactam	57		60		15-130	5		50
2,3,4,6-Tetrachlorophenol	50		55		40-140	10		50
1,4-Dioxane	**30**	Q	**36**	Q	40-140	18		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1904670-2 WG1904670-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	45		49		25-120
Phenol-d6	44		46		10-120
Nitrobenzene-d5	48		52		23-120
2-Fluorobiphenyl	43		44		30-120
2,4,6-Tribromophenol	57		61		10-136
4-Terphenyl-d14	42		47		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1904896-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	107		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	104		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	105		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	121		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	104		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	107		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	108		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	114		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	132		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	108		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	111		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	131		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	129		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	106		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	112		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	119		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	96		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	101		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	108		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	121		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	124		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	106		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1904896-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	85		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	110		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	110		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	109		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	84		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	93		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	83		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	85		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	99		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	111		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	101		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	86		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	97		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	90		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	136		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	89		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	101		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	109		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1904896-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	89				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	106				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	92				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	93				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	113				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	122				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	102				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	94				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	80				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	111				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	85				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	56				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	98				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	57				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	55				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	81				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	86				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1904896-3								
Perfluorobutanoic Acid (PFBA)	114		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	113		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	110		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	121		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	118		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	110		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	115		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	135		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	116		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	115		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	138		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	116		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	115		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	113		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	120		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	109		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	115		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	111		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	116		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	127		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	111		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1904896-3								
Perfluorotridecanoic Acid (PFTrDA)	96		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	117		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	117		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	112		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	83		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	97		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	88		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	96		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	102		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	115		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	115		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	96		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	103		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	100		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	135		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	102		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	111		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	124		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

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

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1904896-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	100				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	114				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	95				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	111				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	90				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	135				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	111				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	91				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	80				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	117				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	87				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	60				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	99				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	64				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	59				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	87				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	89				20-150

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1904670-4 WG1904670-5 QC Sample: L2416128-03 Client ID: TP-12 1-2'												
Acenaphthene	57J	1740	1200	69		1200	69		31-137	0		50
Hexachlorobenzene	ND	1740	1200	69		1200	69		40-140	0		50
Bis(2-chloroethyl)ether	ND	1740	1100	63		1100	63		40-140	0		50
2-Chloronaphthalene	ND	1740	1300	75		1200	69		40-140	8		50
3,3'-Dichlorobenzidine	ND	1740	1000	58		1100	63		40-140	10		50
2,4-Dinitrotoluene	ND	1740	1200	69		1200	69		40-132	0		50
2,6-Dinitrotoluene	ND	1740	1500	86		1500	86		40-140	0		50
Fluoranthene	460	1740	2400	110		1800	77		40-140	29		50
4-Chlorophenyl phenyl ether	ND	1740	1200	69		1100	63		40-140	9		50
4-Bromophenyl phenyl ether	ND	1740	1200	69		1200	69		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1740	910	52		910	52		40-140	0		50
Bis(2-chloroethoxy)methane	ND	1740	1100	63		1100	63		40-117	0		50
Hexachlorobutadiene	ND	1740	1300	75		1300	74		40-140	0		50
Hexachlorocyclopentadiene	ND	1740	790	45		700	40		40-140	12		50
Hexachloroethane	ND	1740	1100	63		1000	57		40-140	10		50
Isophorone	ND	1740	1100	63		1100	63		40-140	0		50
Naphthalene	350	1740	1500	66		1500	66		40-140	0		50
Nitrobenzene	ND	1740	1100	63		1100	63		40-140	0		50
NDPA/DPA	ND	1740	1200	69		1100	63		36-157	9		50
n-Nitrosodi-n-propylamine	ND	1740	1100	63		1100	63		32-121	0		50
Bis(2-ethylhexyl)phthalate	ND	1740	1200	69		1200	69		40-140	0		50
Butyl benzyl phthalate	ND	1740	1400	81		1400	80		40-140	0		50
Di-n-butylphthalate	ND	1740	1200	69		1200	69		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1904670-4 WG1904670-5 QC Sample: L2416128-03 Client ID: TP-12 1-2'												
Di-n-octylphthalate	ND	1740	1400	81		1300	74		40-140	7		50
Diethyl phthalate	ND	1740	1100	63		1100	63		40-140	0		50
Dimethyl phthalate	ND	1740	1200	69		1200	69		40-140	0		50
Benzo(a)anthracene	220	1740	1700	85		1500	73		40-140	13		50
Benzo(a)pyrene	230	1740	2000	100		1600	78		40-140	22		50
Benzo(b)fluoranthene	260	1740	2000	100		1500	71		40-140	29		50
Benzo(k)fluoranthene	88J	1740	1400	81		1300	74		40-140	7		50
Chrysene	210	1740	1700	86		1400	68		40-140	19		50
Acenaphthylene	ND	1740	1300	75		1200	69		40-140	8		50
Anthracene	99J	1740	1500	86		1400	80		40-140	7		50
Benzo(ghi)perylene	130J	1740	1400	81		1100	63		40-140	24		50
Fluorene	56J	1740	1300	75		1200	69		40-140	8		50
Phenanthrene	400	1740	2300	110		1800	80		40-140	24		50
Dibenzo(a,h)anthracene	45J	1740	1300	75		1100	63		40-140	17		50
Indeno(1,2,3-cd)pyrene	100J	1740	1600	92		1300	74		40-140	21		50
Pyrene	380	1740	2100	99		1700	76		35-142	21		50
Biphenyl	ND	1740	1400	81		1300	74		37-127	7		50
4-Chloroaniline	ND	1740	470	**27**	Q	570	**33**	Q	40-140	19		50
2-Nitroaniline	ND	1740	1500	86		1500	86		47-134	0		50
3-Nitroaniline	ND	1740	1000	58		1100	63		26-129	10		50
4-Nitroaniline	ND	1740	1100	63		1100	63		41-125	0		50
Dibenzofuran	88J	1740	1300	75		1200	69		40-140	8		50
2-Methylnaphthalene	290	1740	1500	70		1500	69		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2416128
Report Date: 04/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1904670-4 WG1904670-5 QC Sample: L2416128-03 Client ID: TP-12 1-2'												
1,2,4,5-Tetrachlorobenzene	ND	1740	1400	81		1300	74		40-117	7		50
Acetophenone	ND	1740	1400	81		1400	80		14-144	0		50
2,4,6-Trichlorophenol	ND	1740	1500	86		1400	80		30-130	7		50
p-Chloro-m-cresol	ND	1740	1200	69		1200	69		26-103	0		50
2-Chlorophenol	ND	1740	1200	69		1200	69		25-102	0		50
2,4-Dichlorophenol	ND	1740	1300	75		1400	80		30-130	7		50
2,4-Dimethylphenol	ND	1740	870	50		860	49		30-130	1		50
2-Nitrophenol	ND	1740	1600	92		1600	92		30-130	0		50
4-Nitrophenol	ND	1740	720	41		770	44		11-114	7		50
2,4-Dinitrophenol	ND	1740	ND	**0**	Q	ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1740	230J	13		310J	18		10-130	30		50
Pentachlorophenol	ND	1740	1200	69		1200	69		17-109	0		50
Phenol	ND	1740	1100	63		1200	69		26-90	9		50
2-Methylphenol	ND	1740	1100	63		1100	63		30-130.	0		50
3-Methylphenol/4-Methylphenol	ND	1740	1100	63		1200	69		30-130	9		50
2,4,5-Trichlorophenol	ND	1740	1400	81		1400	80		30-130	0		50
Carbazole	48J	1740	1400	81		1300	74		54-128	7		50
Atrazine	ND	1740	1400	81		1400	80		40-140	0		50
Benzaldehyde	ND	1740	1300	75		1300	74		40-140	0		50
Caprolactam	ND	1740	1000	58		1000	57		15-130	0		50
2,3,4,6-Tetrachlorophenol	ND	1740	1200	69		1300	74		40-140	8		50
1,4-Dioxane	ND	1740	810	47		880	50		40-140	8		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1904670-4 WG1904670-5 QC Sample: L2416128-03 Client ID: TP-12 1-2'												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	76		78		10-136
2-Fluorobiphenyl	69		68		30-120
2-Fluorophenol	62		64		25-120
4-Terphenyl-d14	69		68		18-120
Nitrobenzene-d5	64		65		23-120
Phenol-d6	62		64		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1904896-4 WG1904896-5 QC Sample: L2416128-03 Client ID: TP-12 1-2'												
Perfluorobutanoic Acid (PFBA)	ND	7.56	8.32	110		8.99	116		40-150	8		30
Perfluoropentanoic Acid (PFPeA)	ND	3.78	4.20	111		4.57	118		40-150	8		30
Perfluorobutanesulfonic Acid (PFBS)	ND	1.68	1.88	112		2.01	117		40-150	7		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	7.09	8.42	119		9.07	125		40-150	7		30
Perfluorohexanoic Acid (PFHxA)	ND	1.89	2.21	117		2.25	116		40-150	2		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.78	2.08	117		2.23	122		40-150	7		30
Perfluoroheptanoic Acid (PFHpA)	0.031J	1.89	2.13	111		2.28	116		40-150	7		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.73	2.00	116		2.19	124		40-150	9		30
Perfluorooctanoic Acid (PFOA)	0.060J	1.89	2.56	132		2.84	144		40-150	10		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	7.18	8.45	118		9.12	124		40-150	8		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.8	2.08	115		2.17	118		40-150	4		30
Perfluorononanoic Acid (PFNA)	ND	1.89	2.52	133		2.62	135		40-150	4		30
Perfluorooctanesulfonic Acid (PFOS)	0.184J	1.75	2.20	115		2.29	117		40-150	4		30
Perfluorodecanoic Acid (PFDA)	ND	1.89	2.18	115		2.28	118		40-150	4		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	7.26	8.18	113		8.86	119		40-150	8		30
Perfluorononanesulfonic Acid (PFNS)	ND	1.82	2.31	127		2.31	124		40-150	0		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.89	2.01	106		2.05	106		40-150	2		30
Perfluoroundecanoic Acid (PFUnA)	ND	1.89	2.12	112		2.37	122		40-150	11		30
Perfluorodecanesulfonic Acid (PFDS)	ND	1.82	2.04	112		2.07	111		40-150	1		30
Perfluorooctanesulfonamide (PFOSA)	ND	1.89	2.16	114		2.43	126		40-150	12		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.89	2.50	132		2.57	133		40-150	3		30
Perfluorododecanoic Acid (PFDoA)	ND	1.89	2.04	108		2.32	120		40-150	13		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1904896-4 WG1904896-5 QC Sample: L2416128-03 Client ID: TP-12 1-2'												
Perfluorotridecanoic Acid (PFTrDA)	ND	1.89	1.60	85		1.91	99		40-150	18		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.89	2.39	126		2.30	119		40-150	4		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	7.56	8.95	118		9.53	123		40-150	6		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	7.15	7.93	111		8.56	117		40-150	8		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	1.83	1.50	82		1.56	83		40-150	4		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	7.07	7.16	101		7.90	109		40-150	10		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	7.15	5.94	83		6.22	85		40-150	5		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.89	1.90	101		1.95	101		40-150	3		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.89	1.93	102		2.18	113		40-150	12		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	18.9	22.0	116		23.8	123		40-150	8		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	18.9	21.6	114		22.6	117		40-150	5		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.78	3.32	88		3.63	94		40-150	9		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.78	3.94	104		4.34	112		40-150	10		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	3.36	3.26	97		3.34	97		40-150	2		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.78	4.87	129		4.94	128		40-150	1		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	9.45	8.36	88		8.95	93		40-150	7		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	47.3	45.2	96		45.0	93		40-150	0		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	47.3	43.9	93		46.9	97		40-150	7		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1904896-4 WG1904896-5 QC Sample: L2416128-03 Client ID: TP-12 1-2'

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	115		129		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	97		104		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	96		109		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	48		49		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	92		91		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	77		77		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	51		55		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	94		95		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76		75		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		86		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69		71		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	76		84		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89		95		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	86		84		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	80		86		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79		92		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81		89		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77		73		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	48		54		20-150
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		88		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		91		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77		85		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		89		20-150

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1904896-4 WG1904896-5 QC Sample: L2416128-03 Client ID: TP-12 1-2'												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85		96		20-150

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-03
Client ID: TP-12 1-2'
Sample Location: BUFFALO, NY

Date Collected: 03/25/24 11:00
Date Received: 03/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 04/05/24 08:12
Analyst: MHG
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 04/04/24 23:23
Cleanup Method: EPA 3665A
Cleanup Date: 04/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	64.2	5.70	1	A
Aroclor 1221	ND		ug/kg	64.2	6.43	1	A
Aroclor 1232	ND		ug/kg	64.2	13.6	1	A
Aroclor 1242	ND		ug/kg	64.2	8.65	1	A
Aroclor 1248	ND		ug/kg	64.2	9.63	1	A
Aroclor 1254	ND		ug/kg	64.2	7.02	1	A
Aroclor 1260	ND		ug/kg	64.2	11.9	1	A
Aroclor 1262	ND		ug/kg	64.2	8.15	1	A
Aroclor 1268	ND		ug/kg	64.2	6.65	1	A
PCBs, Total	ND		ug/kg	64.2	5.70	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 04/05/24 07:03
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 04/04/24 14:03
Cleanup Method: EPA 3665A
Cleanup Date: 04/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03 Batch: WG1904859-1						
Aroclor 1016	ND		ug/kg	48.9	4.34	A
Aroclor 1221	ND		ug/kg	48.9	4.90	A
Aroclor 1232	ND		ug/kg	48.9	10.4	A
Aroclor 1242	ND		ug/kg	48.9	6.59	A
Aroclor 1248	ND		ug/kg	48.9	7.34	A
Aroclor 1254	ND		ug/kg	48.9	5.35	A
Aroclor 1260	ND		ug/kg	48.9	9.04	A
Aroclor 1262	ND		ug/kg	48.9	6.21	A
Aroclor 1268	ND		ug/kg	48.9	5.07	A
PCBs, Total	ND		ug/kg	48.9	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	89		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03 Batch: WG1904859-2 WG1904859-3									
Aroclor 1016	89		87		40-140	2		50	A
Aroclor 1260	83		83		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		81		30-150	A
Decachlorobiphenyl	88		89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		86		30-150	B
Decachlorobiphenyl	83		86		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1904859-4 WG1904859-5 QC Sample: L2416128-03 Client ID: TP-12 1-2'													
Aroclor 1016	ND	386	309	80		287	71		40-140	7		50	A
Aroclor 1260	ND	386	253	66		232	57		40-140	9		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		72		30-150	A
Decachlorobiphenyl	65		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		73		30-150	B
Decachlorobiphenyl	66		56		30-150	B

PESTICIDES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-03
Client ID: TP-12 1-2'
Sample Location: BUFFALO, NY

Date Collected: 03/25/24 11:00
Date Received: 03/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 04/06/24 06:38
Analyst: PEG
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 04/04/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 04/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.02	0.395	1	A
Lindane	ND		ug/kg	0.841	0.376	1	A
Alpha-BHC	ND		ug/kg	0.841	0.239	1	A
Beta-BHC	ND		ug/kg	2.02	0.766	1	A
Heptachlor	ND		ug/kg	1.01	0.453	1	A
Aldrin	ND		ug/kg	2.02	0.711	1	A
Heptachlor epoxide	ND		ug/kg	3.78	1.14	1	A
Endrin	ND		ug/kg	0.841	0.345	1	A
Endrin aldehyde	ND		ug/kg	2.52	0.883	1	A
Endrin ketone	ND		ug/kg	2.02	0.520	1	A
Dieldrin	ND		ug/kg	1.26	0.631	1	A
4,4'-DDE	ND		ug/kg	2.02	0.467	1	A
4,4'-DDD	ND		ug/kg	2.02	0.720	1	A
4,4'-DDT	ND	IP	ug/kg	2.02	1.62	1	A
Endosulfan I	ND		ug/kg	2.02	0.477	1	A
Endosulfan II	ND		ug/kg	2.02	0.675	1	A
Endosulfan sulfate	ND		ug/kg	0.841	0.400	1	A
Methoxychlor	ND		ug/kg	3.78	1.18	1	A
Toxaphene	ND		ug/kg	37.8	10.6	1	A
cis-Chlordane	ND		ug/kg	2.52	0.703	1	A
trans-Chlordane	ND		ug/kg	2.52	0.666	1	A
Chlordane	ND		ug/kg	16.8	6.69	1	A

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-03 Date Collected: 03/25/24 11:00

Client ID: TP-12 1-2' Date Received: 03/25/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 1681-1689 MAIN STREET
Lab Number: L2416128
Project Number: 4461.0001B002
Report Date: 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-03
Client ID: TP-12 1-2'
Sample Location: BUFFALO, NY

Date Collected: 03/25/24 11:00
Date Received: 03/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 04/04/24 14:04
Analyst: MMG
Percent Solids: 76%
Methylation Date: 04/04/24 05:31

Extraction Method: EPA 8151A
Extraction Date: 04/03/24 10:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	217	13.7	1	A
2,4,5-T	ND		ug/kg	217	6.72	1	A
2,4,5-TP (Silvex)	ND		ug/kg	217	5.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	75		30-150	A
DCAA	81		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 04/03/24 17:31
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 04/02/24 14:10

Methylation Date: 04/03/24 13:10

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 03 Batch: WG1903904-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.08	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	70		30-150	A
DCAA	77		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2416128
Report Date: 04/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/06/24 06:05
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 04/04/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 04/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1904998-1						
Delta-BHC	ND		ug/kg	1.53	0.299	A
Lindane	ND		ug/kg	0.637	0.285	A
Alpha-BHC	ND		ug/kg	0.637	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.580	A
Heptachlor	ND		ug/kg	0.764	0.343	A
Aldrin	ND		ug/kg	1.53	0.538	A
Heptachlor epoxide	ND		ug/kg	2.87	0.860	A
Endrin	ND		ug/kg	0.637	0.261	A
Endrin aldehyde	ND		ug/kg	1.91	0.669	A
Endrin ketone	ND		ug/kg	1.53	0.394	A
Dieldrin	ND		ug/kg	0.955	0.478	A
4,4'-DDE	ND		ug/kg	1.53	0.354	A
4,4'-DDD	ND		ug/kg	1.53	0.545	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.361	A
Endosulfan II	ND		ug/kg	1.53	0.511	A
Endosulfan sulfate	ND		ug/kg	0.637	0.303	A
Methoxychlor	ND		ug/kg	2.87	0.892	A
Toxaphene	ND		ug/kg	28.7	8.02	A
cis-Chlordane	ND		ug/kg	1.91	0.532	A
trans-Chlordane	ND		ug/kg	1.91	0.504	A
Chlordane	ND		ug/kg	12.7	5.06	A

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/06/24 06:05
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 04/04/24 23:36
Cleanup Method: EPA 3620B
Cleanup Date: 04/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03 Batch: WG1904998-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1903904-2 WG1903904-3									
2,4-D	73		82		30-150	12		30	A
2,4,5-T	74		81		30-150	9		30	A
2,4,5-TP (Silvex)	77		87		30-150	12		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	71		77		30-150	A
DCAA	91		92		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1904998-2 WG1904998-3									
Delta-BHC	66		65		30-150	2		30	A
Lindane	67		66		30-150	2		30	A
Alpha-BHC	66		66		30-150	0		30	A
Beta-BHC	75		74		30-150	1		30	A
Heptachlor	84		84		30-150	0		30	A
Aldrin	71		70		30-150	1		30	A
Heptachlor epoxide	75		74		30-150	1		30	A
Endrin	75		74		30-150	1		30	A
Endrin aldehyde	70		70		30-150	0		30	A
Endrin ketone	77		78		30-150	1		30	A
Dieldrin	74		73		30-150	1		30	A
4,4'-DDE	66		64		30-150	3		30	A
4,4'-DDD	80		78		30-150	3		30	A
4,4'-DDT	87		85		30-150	2		30	A
Endosulfan I	76		75		30-150	1		30	A
Endosulfan II	77		76		30-150	1		30	A
Endosulfan sulfate	77		77		30-150	0		30	A
Methoxychlor	100		99		30-150	1		30	A
cis-Chlordane	72		69		30-150	4		30	A
trans-Chlordane	60		60		30-150	0		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 Batch: WG1904998-2 WG1904998-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		53		30-150	A
Decachlorobiphenyl	65		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		69		30-150	B
Decachlorobiphenyl	72		72		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1903904-4 WG1903904-5 QC Sample: L2416128-03 Client ID: TP-12 1-2'													
2,4-D	ND	218	153J	70		138J	65		30-150	10		30	A
2,4,5-T	ND	218	154J	71		142J	67		30-150	8		30	A
2,4,5-TP (Silvex)	ND	218	171J	79		164J	77		30-150	4		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	74		73		30-150	A
DCAA	88		85		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1904998-4 WG1904998-5 QC Sample: L2416128-03 Client ID: TP-12 1-2'													
Delta-BHC	ND	42	18.2	43		23.5	54		30-150	25		50	A
Lindane	ND	42	22.2	53		27.2	63		30-150	20		50	A
Alpha-BHC	ND	42	21.8	52		26.9	62		30-150	21		50	A
Beta-BHC	ND	42	26.3	63		30.1	70		30-150	13		50	A
Heptachlor	ND	42	31.0	74		35.8	83		30-150	14		50	A
Aldrin	ND	42	26.1	62		30.1	70		30-150	14		50	A
Heptachlor epoxide	ND	42	27.8	66		31.9	74		30-150	14		50	A
Endrin	ND	42	28.7	68		32.4	75		30-150	12		50	A
Endrin aldehyde	ND	42	27.0	64		32.6	75		30-150	19		50	A
Endrin ketone	ND	42	29.1	69		33.8	78		30-150	15		50	A
Dieldrin	ND	42	28.0	67		31.8	74		30-150	13		50	A
4,4'-DDE	ND	42	24.9	59		28.6	66		30-150	14		50	A
4,4'-DDD	ND	42	30.0	72		34.2	79		30-150	13		50	A
4,4'-DDT	NDIP	42	32.1	77		37.4	86		30-150	15		50	A
Endosulfan I	ND	42	27.0	64		31.7	73		30-150	16		50	A
Endosulfan II	ND	42	27.4	65		31.8	74		30-150	15		50	A
Endosulfan sulfate	ND	42	28.2	67		32.7	76		30-150	15		50	A
Methoxychlor	ND	42	38.8	93		45.2	104		30-150	15		50	A
cis-Chlordane	ND	42	26.3	63		30.3	70		30-150	14		50	A
trans-Chlordane	ND	42	23.9	57		26.9	62		30-150	12		50	A

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1904998-4 WG1904998-5 QC Sample: L2416128-03 Client ID: TP-12 1-2'												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		55		30-150	A
Decachlorobiphenyl	60		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		65		30-150	B
Decachlorobiphenyl	67		75		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-02
Client ID: TP-11 1-2'
Sample Location: BUFFALO, NY
Date Collected: 03/25/24 11:40
Date Received: 03/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8540		mg/kg	20.2	5.44	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Antimony, Total	0.872	J	mg/kg	10.1	0.766	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Arsenic, Total	8.02		mg/kg	2.02	0.419	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Barium, Total	96.8		mg/kg	2.02	0.351	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.470	J	mg/kg	1.01	0.067	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.754	J	mg/kg	2.02	0.198	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Calcium, Total	66600		mg/kg	20.2	7.06	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Chromium, Total	17.2		mg/kg	2.02	0.194	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Cobalt, Total	9.31		mg/kg	4.03	0.335	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Copper, Total	35.2		mg/kg	2.02	0.520	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Iron, Total	27500		mg/kg	10.1	1.82	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Lead, Total	69.1		mg/kg	10.1	0.540	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Magnesium, Total	20700		mg/kg	20.2	3.10	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Manganese, Total	655		mg/kg	2.02	0.320	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.105	0.068	1	04/03/24 18:11	04/05/24 17:37	EPA 7471B	1,7471B	SMV
Nickel, Total	20.7		mg/kg	5.04	0.488	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Potassium, Total	1460		mg/kg	504	29.0	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	4.03	0.520	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	1.01	0.570	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Sodium, Total	244	J	mg/kg	403	6.35	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	4.03	0.635	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Vanadium, Total	24.3		mg/kg	2.02	0.409	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC
Zinc, Total	210		mg/kg	10.1	0.591	4	04/03/24 16:49	04/08/24 16:11	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-03
Client ID: TP-12 1-2'
Sample Location: BUFFALO, NY
Date Collected: 03/25/24 11:00
Date Received: 03/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6990		mg/kg	20.4	5.52	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	10.2	0.776	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Arsenic, Total	4.41		mg/kg	2.04	0.425	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Barium, Total	68.8		mg/kg	2.04	0.356	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.351	J	mg/kg	1.02	0.067	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	2.04	0.200	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Calcium, Total	61200		mg/kg	20.4	7.15	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Chromium, Total	13.1		mg/kg	2.04	0.196	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Cobalt, Total	7.65		mg/kg	4.09	0.339	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Copper, Total	18.7		mg/kg	2.04	0.527	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Iron, Total	18200		mg/kg	10.2	1.84	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Lead, Total	23.5		mg/kg	10.2	0.548	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Magnesium, Total	21600		mg/kg	20.4	3.15	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Manganese, Total	422		mg/kg	2.04	0.325	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.089	0.058	1	04/03/24 18:11	04/04/24 12:44	EPA 7471B	1,7471B	MJR
Nickel, Total	16.7		mg/kg	5.11	0.494	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Potassium, Total	1050		mg/kg	511	29.4	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	4.09	0.527	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	1.02	0.578	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Sodium, Total	131	J	mg/kg	409	6.44	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	4.09	0.644	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Vanadium, Total	20.5		mg/kg	2.04	0.415	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC
Zinc, Total	67.2		mg/kg	10.2	0.599	4	04/03/24 16:49	04/04/24 20:52	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Lab Number: L2416128
Project Number: 4461.0001B002
Report Date: 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-04
Client ID: BLIND DUP
Sample Location: BUFFALO, NY
Date Collected: 03/25/24 08:00
Date Received: 03/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8140		mg/kg	19.8	5.36	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Antimony, Total	0.944	J	mg/kg	9.92	0.754	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Arsenic, Total	11.3		mg/kg	1.98	0.413	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Barium, Total	118		mg/kg	1.98	0.345	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.601	J	mg/kg	0.992	0.066	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.578	J	mg/kg	1.98	0.194	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Calcium, Total	62900		mg/kg	19.8	6.95	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Chromium, Total	19.2		mg/kg	1.98	0.190	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.79		mg/kg	3.97	0.330	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Copper, Total	35.7		mg/kg	1.98	0.512	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Iron, Total	40000		mg/kg	12.4	2.24	5	04/03/24 16:49	04/08/24 16:44	EPA 3050B	1,6010D	DMC
Lead, Total	142		mg/kg	9.92	0.532	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Magnesium, Total	14200		mg/kg	19.8	3.06	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Manganese, Total	896		mg/kg	1.98	0.316	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Mercury, Total	0.085		mg/kg	0.084	0.054	1	04/03/24 18:11	04/05/24 17:47	EPA 7471B	1,7471B	SMV
Nickel, Total	18.1		mg/kg	4.96	0.480	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Potassium, Total	1680		mg/kg	496	28.6	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	3.97	0.512	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.992	0.562	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Sodium, Total	511		mg/kg	397	6.25	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Thallium, Total	0.659	J	mg/kg	3.97	0.625	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Vanadium, Total	27.6		mg/kg	1.98	0.403	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC
Zinc, Total	344		mg/kg	9.92	0.582	4	04/03/24 16:49	04/08/24 16:35	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2416128

Project Number: 4461.0001B002 **Report Date:** 04/08/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-04 Batch: WG1904370-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	1.40	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Chromium, Total	0.427		mg/kg	0.400	0.038	1	04/03/24 16:49	04/05/24 12:51	1,6010D	MAM
Cobalt, Total	ND		mg/kg	0.800	0.066	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Iron, Total	1.88	J	mg/kg	2.00	0.361	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.064	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Nickel, Total	0.156	J	mg/kg	1.00	0.097	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Potassium, Total	6.32	J	mg/kg	100	5.76	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Sodium, Total	3.44	J	mg/kg	80.0	1.26	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	04/03/24 16:49	04/04/24 15:22	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-04 Batch: WG1904375-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/03/24 18:11	04/04/24 12:38	1,7471B	MJR

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2416128
Report Date: 04/08/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04 Batch: WG1904370-2								
Aluminum, Total	99		-		80-120	-		
Antimony, Total	96		-		80-120	-		
Arsenic, Total	95		-		80-120	-		
Barium, Total	100		-		80-120	-		
Beryllium, Total	101		-		80-120	-		
Cadmium, Total	96		-		80-120	-		
Calcium, Total	99		-		80-120	-		
Chromium, Total	98		-		80-120	-		
Cobalt, Total	96		-		80-120	-		
Copper, Total	98		-		80-120	-		
Iron, Total	104		-		80-120	-		
Lead, Total	96		-		80-120	-		
Magnesium, Total	96		-		80-120	-		
Manganese, Total	97		-		80-120	-		
Nickel, Total	96		-		80-120	-		
Potassium, Total	108		-		80-120	-		
Selenium, Total	94		-		80-120	-		
Silver, Total	100		-		80-120	-		
Sodium, Total	103		-		80-120	-		
Thallium, Total	100		-		80-120	-		
Vanadium, Total	98		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2416128

Report Date: 04/08/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04 Batch: WG1904370-2					
Zinc, Total	95	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 02-04 Batch: WG1904375-2					
Mercury, Total	96	-	72-128	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2416128
Report Date: 04/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04 QC Batch ID: WG1904370-3 WG1904370-4 QC Sample: L2416128-03 Client ID: TP-12 1-2'												
Aluminum, Total	6990	208	6180	**0**	Q	7820	**417**	Q	75-125	**23**	Q	20
Antimony, Total	ND	52.1	44.5	85		43.5	87		75-125	2		20
Arsenic, Total	4.41	12.5	14.5	81		13.7	78		75-125	6		20
Barium, Total	68.8	208	245	84		261	97		75-125	6		20
Beryllium, Total	0.351J	5.21	4.98	96		5.04	101		75-125	1		20
Cadmium, Total	ND	5.52	4.98	90		4.88	92		75-125	2		20
Calcium, Total	61200	1040	54600	**0**	Q	60400	**0**	Q	75-125	10		20
Chromium, Total	13.1	20.8	29.1	77		30.9	89		75-125	6		20
Cobalt, Total	7.65	52.1	50.7	83		51.3	88		75-125	1		20
Copper, Total	18.7	26	39.8	81		41.6	92		75-125	4		20
Iron, Total	18200	104	15900	**0**	Q	19500	**1310**	Q	75-125	20		20
Lead, Total	23.5	55.2	73.8	91		67.2	83		75-125	9		20
Magnesium, Total	21600	1040	20200	**0**	Q	20700	**0**	Q	75-125	2		20
Manganese, Total	422	52.1	367	**0**	Q	448	**52**	Q	75-125	20		20
Nickel, Total	16.7	52.1	57.4	78		60.1	87		75-125	5		20
Potassium, Total	1050	1040	2020	93		2210	117		75-125	9		20
Selenium, Total	ND	12.5	10.3	82		9.81	82		75-125	5		20
Silver, Total	ND	5.21	5.04	97		4.84	97		75-125	4		20
Sodium, Total	131J	1040	1130	108		1140	115		75-125	1		20
Thallium, Total	ND	12.5	11.2	90		11.1	93		75-125	1		20
Vanadium, Total	20.5	52.1	65.3	86		66.8	93		75-125	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2416128
Report Date: 04/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04 QC Batch ID: WG1904370-3 WG1904370-4 QC Sample: L2416128-03 Client ID: TP-12 1-2'									
Zinc, Total	67.2	52.1	107	76	113	92	75-125	5	20
Total Metals - Mansfield Lab Associated sample(s): 02-04 QC Batch ID: WG1904375-3 WG1904375-4 QC Sample: L2416128-03 Client ID: TP-12 1-2'									
Mercury, Total	ND	2.06	1.97	96	1.91	97	80-120	3	20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2416128
Report Date: 04/08/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04 QC Batch ID: WG1904370-6 QC Sample: L2416128-03 Client ID: TP-12 1-2'						
Aluminum, Total	6990	7120	mg/kg	2		20
Barium, Total	68.8	71.2	mg/kg	3		20
Calcium, Total	61200	64900	mg/kg	6		20
Iron, Total	18200	19000	mg/kg	4		20
Magnesium, Total	21600	22500	mg/kg	4		20
Manganese, Total	422	450	mg/kg	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2416128
Report Date: 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-01
Client ID: TP-10 0.5-2'
Sample Location: BUFFALO, NY

Date Collected: 03/25/24 13:40
Date Received: 03/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	03/26/24 10:44	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2416128
Report Date: 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-02
Client ID: TP-11 1-2'
Sample Location: BUFFALO, NY

Date Collected: 03/25/24 11:40
Date Received: 03/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.0		%	0.100	NA	1	-	03/26/24 10:44	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2416128
Report Date: 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-03
Client ID: TP-12 1-2'
Sample Location: BUFFALO, NY

Date Collected: 03/25/24 11:00
Date Received: 03/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.0		%	0.100	NA	1	-	03/26/24 10:44	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2416128
Report Date: 04/08/24

SAMPLE RESULTS

Lab ID: L2416128-04
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 03/25/24 08:00
Date Received: 03/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.2		%	0.100	NA	1	-	03/26/24 10:44	121,2540G	ROI

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2416128
Report Date: 04/08/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1900814-1 QC Sample: L2416128-03 Client ID: TP-12 1-2'						
Solids, Total	76.0	77.8	%	2		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2416128
Report Date: 04/08/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2416128-01A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2416128-01B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2416128-01C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2416128-01D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2416128-01F	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14)
L2416128-01X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2416128-01Y	Vial Water preserved split	A	NA		3.4	Y	Absent	26-MAR-24 13:26	NYTCL-8260HLW-R2(14)
L2416128-01Z	Vial Water preserved split	A	NA		3.4	Y	Absent	26-MAR-24 13:26	NYTCL-8260HLW-R2(14)
L2416128-02A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2416128-02B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2416128-02C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2416128-02D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2416128-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2416128-02F	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14)
L2416128-02X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2416128-02Y	Vial Water preserved split	A	NA		3.4	Y	Absent	26-MAR-24 13:26	NYTCL-8260HLW-R2(14)
L2416128-02Z	Vial Water preserved split	A	NA		3.4	Y	Absent	26-MAR-24 13:26	NYTCL-8260HLW-R2(14)
L2416128-03A	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2416128-03A1	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2416128-03A2	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2416128-03B	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2416128
Report Date: 04/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2416128-03B1	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2416128-03B2	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2416128-03C	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2416128-03C1	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2416128-03C2	5 gram Encore Sampler	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2416128-03D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2416128-03D1	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2416128-03D2	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2416128-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2416128-03E1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2416128-03E2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2416128-03F	Glass 500ml/16oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2416128-03F1	Glass 500ml/16oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2416128-03F2	Glass 500ml/16oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2416128-03G	Plastic 8oz unpreserved	A	NA		3.4	Y	Absent		A2-1633-DRAFT(90)
L2416128-03G1	Plastic 8oz unpreserved	A	NA		3.4	Y	Absent		A2-1633-DRAFT(90)
L2416128-03G2	Plastic 8oz unpreserved	A	NA		3.4	Y	Absent		A2-1633-DRAFT(90)
L2416128-03X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2416128-03X1	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2416128-03X2	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2416128
Report Date: 04/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2416128-03Y	Vial Water preserved split	A	NA		3.4	Y	Absent	26-MAR-24 13:26	NYTCL-8260HLW-R2(14)
L2416128-03Y1	Vial Water preserved split	A	NA		3.4	Y	Absent	26-MAR-24 13:26	NYTCL-8260HLW-R2(14)
L2416128-03Y2	Vial Water preserved split	A	NA		3.4	Y	Absent	26-MAR-24 13:26	NYTCL-8260HLW-R2(14)
L2416128-03Z	Vial Water preserved split	A	NA		3.4	Y	Absent	26-MAR-24 13:26	NYTCL-8260HLW-R2(14)
L2416128-03Z1	Vial Water preserved split	A	NA		3.4	Y	Absent	26-MAR-24 13:26	NYTCL-8260HLW-R2(14)
L2416128-03Z2	Vial Water preserved split	A	NA		3.4	Y	Absent	26-MAR-24 13:26	NYTCL-8260HLW-R2(14)
L2416128-04D	Plastic 2oz unpreserved for TS	A	NA		3.4	Y	Absent		TS(7)
L2416128-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2416128-04F	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2416128
Report Date: 04/08/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2416128
Report Date: 04/08/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2416128
Project Number:	4461.0001B002	**Report Date:**	04/08/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2416128
Project Number:	4461.0001B002	**Report Date:**	04/08/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2416128
Project Number:	4461.0001B002	**Report Date:**	04/08/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2416128
Project Number:	4461.0001B002	**Report Date:**	04/08/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 03/26/24

ALPHA Job #: L2416128

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information

Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time

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

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL 8260 + TICS	NYTCL 8270 + TICS	Total Metals + Total Hg	Herb - 8151A	NYTCL - 8081	NYTCL - 8082	4-2-NY-1633
L2416128-01	TP-10 0.5-2'	3-25-24	1340	Soil	CEH	X	X					
-02	TP-11 1-2		1140			X	X	X				
-03	TP-12 1-2		1100			X	X	X	X	X	X	X
-03	TP-12 1-2 MS		1100			X	X	X	X	X	X	X
-03	TP-12 1-2 MSD		1100			X	X	X	X	X	X	X
-04	Blind Dup		0800				X	X				

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

Sample Specific Comments

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Charles Herbert	3-25-24 / 1530	[illegible]	3/25/24 1530
[illegible]	3/25/24 1530	[illegible]	3/26/24 0040

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2417442
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	04/10/24

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Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (99110) , NJ (MA015), NY (11627), NC (685), OH (CL106), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708), USFWS (Permit #A24920).

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Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417442
Report Date: 04/10/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2417442-01	SV-01	SOIL_VAPOR	BUFFALO, NY	03/29/24 15:40	03/29/24
L2417442-02	SV-02	SOIL_VAPOR	BUFFALO, NY	03/29/24 15:45	03/29/24
L2417442-03	SV-03	SOIL_VAPOR	BUFFALO, NY	03/29/24 15:50	03/29/24
L2417442-04	SV-04	SOIL_VAPOR	BUFFALO, NY	03/29/24 15:58	03/29/24
L2417442-05	SV-05	SOIL_VAPOR	BUFFALO, NY	03/29/24 16:10	03/29/24
L2417442-06	SV-06	SOIL_VAPOR	BUFFALO, NY	03/29/24 16:18	03/29/24
L2417442-07	SV-07	SOIL_VAPOR	BUFFALO, NY	03/29/24 16:25	03/29/24
L2417442-08	SV-08	SOIL_VAPOR	BUFFALO, NY	03/29/24 16:30	03/29/24
L2417442-09	OA-01	SOIL_VAPOR	BUFFALO, NY	03/29/24 16:40	03/29/24
L2417442-10	UNUSED CAN #320	SOIL_VAPOR	BUFFALO, NY		03/29/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2417442
Project Number:	4461.0001B002	**Report Date:**	04/10/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2417442
Project Number:	4461.0001B002	**Report Date:**	04/10/24

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on March 19, 2024. The canister certification data is provided as an addendum.

L2417442-02D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to perform a screen analysis. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

WG1905342-3:The quality control sample [LCS], associated with WG1905342-3, did not meet the acceptance criteria for the [full scan] analysis. The associated compound(s) for those samples were reported from the [SIM] analysis.

The WG1905342-3 LCS recovery for chloroethane (136%), ethyl alcohol (178%), ethyl ether (149%), 1,1,1-trichloroethane (138%) and 4-methyl-2-pentanone (137%), associated with L2417442-02D, -03, -04, -06, and -08, is above the upper 130% acceptance limit. All samples associated with this LCS do not have reportable amounts of this analyte.

Sample Receipt

The samples designated SV-01 (L2417442-01) and SV-05 (L2417442-05) failed to collect. The analysis of these samples was cancelled.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 04/10/24

AIR

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-02 D
Client ID: SV-02
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 15:45
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/06/24 00:57
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.692	0.421	--	3.42	2.08	--		2.104
Chloromethane	0.764	0.421	--	1.58	0.869	--		2.104
Freon-114	ND	0.421	--	ND	2.94	--		2.104
Vinyl chloride	ND	0.421	--	ND	1.08	--		2.104
1,3-Butadiene	ND	0.421	--	ND	0.931	--		2.104
Bromomethane	ND	0.421	--	ND	1.63	--		2.104
Chloroethane	ND	0.421	--	ND	1.11	--		2.104
Vinyl bromide	ND	0.421	--	ND	1.84	--		2.104
Acetone	13.2	2.10	--	31.4	4.99	--		2.104
Trichlorofluoromethane	ND	0.421	--	ND	2.37	--		2.104
Isopropanol	ND	1.05	--	ND	2.58	--		2.104
1,1-Dichloroethene	2.85	0.421	--	11.3	1.67	--		2.104
Tertiary butyl Alcohol	ND	1.05	--	ND	3.18	--		2.104
Methylene chloride	ND	1.05	--	ND	3.65	--		2.104
3-Chloropropene	ND	0.421	--	ND	1.32	--		2.104
Carbon disulfide	1.42	0.421	--	4.42	1.31	--		2.104
Freon-113	ND	0.421	--	ND	3.23	--		2.104
trans-1,2-Dichloroethene	ND	0.421	--	ND	1.67	--		2.104
1,1-Dichloroethane	12.6	0.421	--	51.0	1.70	--		2.104
Methyl tert butyl ether	ND	0.421	--	ND	1.52	--		2.104
2-Butanone	ND	1.05	--	ND	3.10	--		2.104
cis-1,2-Dichloroethene	ND	0.421	--	ND	1.67	--		2.104
Ethyl Acetate	1.16	1.05	--	4.18	3.78	--		2.104

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-02 D
Client ID: SV-02
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 15:45
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.421	--	ND	2.06	--		2.104
Tetrahydrofuran	ND	1.05	--	ND	3.10	--		2.104
1,2-Dichloroethane	ND	0.421	--	ND	1.70	--		2.104
n-Hexane	12.5	0.421	--	44.1	1.48	--		2.104
1,1,1-Trichloroethane	ND	0.421	--	ND	2.30	--		2.104
Benzene	0.629	0.421	--	2.01	1.34	--		2.104
Carbon tetrachloride	ND	0.421	--	ND	2.65	--		2.104
Cyclohexane	3.22	0.421	--	11.1	1.45	--		2.104
1,2-Dichloropropane	ND	0.421	--	ND	1.95	--		2.104
Bromodichloromethane	ND	0.421	--	ND	2.82	--		2.104
1,4-Dioxane	ND	0.421	--	ND	1.52	--		2.104
Trichloroethene	ND	0.421	--	ND	2.26	--		2.104
2,2,4-Trimethylpentane	8.09	0.421	--	37.8	1.97	--		2.104
Heptane	52.2	0.421	--	214	1.73	--		2.104
cis-1,3-Dichloropropene	ND	0.421	--	ND	1.91	--		2.104
4-Methyl-2-pentanone	ND	1.05	--	ND	4.30	--		2.104
trans-1,3-Dichloropropene	ND	0.421	--	ND	1.91	--		2.104
1,1,2-Trichloroethane	ND	0.421	--	ND	2.30	--		2.104
Toluene	ND	0.421	--	ND	1.59	--		2.104
2-Hexanone	ND	0.421	--	ND	1.73	--		2.104
Dibromochloromethane	ND	0.421	--	ND	3.59	--		2.104
1,2-Dibromoethane	ND	0.421	--	ND	3.24	--		2.104
Tetrachloroethene	ND	0.421	--	ND	2.85	--		2.104
Chlorobenzene	ND	0.421	--	ND	1.94	--		2.104
Ethylbenzene	ND	0.421	--	ND	1.83	--		2.104
p/m-Xylene	ND	0.842	--	ND	3.66	--		2.104

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-02 D
Client ID: SV-02
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 15:45
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Bromoform	ND	0.421	--	ND	4.35	--		2.104
Styrene	ND	0.421	--	ND	1.79	--		2.104
1,1,2,2-Tetrachloroethane	ND	0.421	--	ND	2.89	--		2.104
o-Xylene	ND	0.421	--	ND	1.83	--		2.104
4-Ethyltoluene	ND	0.421	--	ND	2.07	--		2.104
1,3,5-Trimethylbenzene	ND	0.421	--	ND	2.07	--		2.104
1,2,4-Trimethylbenzene	ND	0.421	--	ND	2.07	--		2.104
Benzyl chloride	ND	0.421	--	ND	2.18	--		2.104
1,3-Dichlorobenzene	ND	0.421	--	ND	2.53	--		2.104
1,4-Dichlorobenzene	ND	0.421	--	ND	2.53	--		2.104
1,2-Dichlorobenzene	ND	0.421	--	ND	2.53	--		2.104
1,2,4-Trichlorobenzene	ND	0.421	--	ND	3.13	--		2.104
Naphthalene	ND	0.421	--	ND	2.21	--		2.104
Hexachlorobutadiene	ND	0.421	--	ND	4.49	--		2.104

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	122		60-140
Bromochloromethane	125		60-140
chlorobenzene-d5	120		60-140

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-02 D
Client ID: SV-02
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 15:45
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/06/24 00:57
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Ethanol	17.4	10.5	--	32.8	19.8	--		2.104

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	105		60-140
bromochloromethane	106		60-140
chlorobenzene-d5	111		60-140

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-03
Client ID: SV-03
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 15:50
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/06/24 01:29
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.371	0.200	--	1.83	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.00	1.00	--	4.75	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.503	0.200	--	1.57	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-03
Client ID: SV-03
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 15:50
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.245	0.200	--	0.863	0.705	--		1
Benzene	0.226	0.200	--	0.722	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	1.75	0.200	--	6.02	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.230	0.200	--	1.07	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.464	0.200	--	3.15	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-03
Client ID: SV-03
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 15:50
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	124		60-140
Bromochloromethane	125		60-140
chlorobenzene-d5	111		60-140

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-03
Client ID: SV-03
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 15:50
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/06/24 01:29
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,1-Trichloroethane	2.22	0.020	--	12.1	0.109	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	106		60-140
bromochloromethane	107		60-140
chlorobenzene-d5	104		60-140

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-04
Client ID: SV-04
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 15:58
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/06/24 02:05
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	4.94	0.200	--	24.4	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	12.7	1.00	--	30.2	2.38	--		1
Trichlorofluoromethane	75.9	0.200	--	427	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.345	0.200	--	1.07	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.609	0.500	--	1.80	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-04
Client ID: SV-04
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 15:58
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	5.15	0.200	--	25.1	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	1.09	0.200	--	5.86	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.210	0.200	--	0.791	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	5.53	0.200	--	37.5	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-04
Client ID: SV-04
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 15:58
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	122		60-140
Bromochloromethane	123		60-140
chlorobenzene-d5	109		60-140

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-04
Client ID: SV-04
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 15:58
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/06/24 02:05
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
1,1,1-Trichloroethane	0.319	0.020	--	1.74	0.109	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	103		60-140
bromochloromethane	105		60-140
chlorobenzene-d5	102		60-140

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-06
Client ID: SV-06
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 16:18
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/06/24 02:39
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.443	0.200	--	2.19	0.989	--		1
Chloromethane	0.645	0.200	--	1.33	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	4.28	1.00	--	10.2	2.38	--		1
Trichlorofluoromethane	0.221	0.200	--	1.24	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-06
Client ID: SV-06
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 16:18
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	0.544	0.400	--	2.36	1.74	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-06
Client ID: SV-06
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 16:18
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.646	0.200	--	2.81	0.869	--		1
4-Ethyltoluene	0.669	0.200	--	3.29	0.983	--		1
1,3,5-Trimethylbenzene	0.845	0.200	--	4.15	0.983	--		1
1,2,4-Trimethylbenzene	1.39	0.200	--	6.83	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	1.03	0.200	--	5.40	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	118		60-140
Bromochloromethane	122		60-140
chlorobenzene-d5	113		60-140

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-06
Client ID: SV-06
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 16:18
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/06/24 02:39
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Ethanol	5.29	5.00	--	9.97	9.42	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	100		60-140
bromochloromethane	103		60-140
chlorobenzene-d5	104		60-140

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-07
Client ID: SV-07
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 16:25
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/07/24 00:19
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.865	0.200	--	4.28	0.989	--		1
Chloromethane	0.312	0.200	--	0.644	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	32.4	5.00	--	61.0	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	13.8	1.00	--	32.8	2.38	--		1
Trichlorofluoromethane	3.30	0.200	--	18.5	1.12	--		1
Isopropanol	3.09	0.500	--	7.60	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	1.54	0.500	--	5.35	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	6.76	0.200	--	21.1	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	4.93	0.500	--	14.5	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-07
Client ID: SV-07
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 16:25
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	77.4	0.500	--	279	1.80	--		1
Chloroform	0.382	0.200	--	1.87	0.977	--		1
Tetrahydrofuran	10.6	0.500	--	31.3	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	11.2	0.200	--	39.5	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.490	0.200	--	1.69	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.813	0.500	--	3.33	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	75.7	0.200	--	285	0.754	--		1
2-Hexanone	0.487	0.200	--	2.00	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.413	0.200	--	1.79	0.869	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-07
Client ID: SV-07
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 16:25
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.46	0.400	--	6.34	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.617	0.200	--	2.68	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	0.238	0.200	--	1.17	0.983	--		1
1,2,4-Trimethylbenzene	0.828	0.200	--	4.07	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	0.492	0.200	--	2.58	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	95		60-140

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-08
Client ID: SV-08
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 16:30
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/06/24 03:39
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.472	0.200	--	2.33	0.989	--		1
Chloromethane	0.649	0.200	--	1.34	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	4.57	1.00	--	10.9	2.38	--		1
Trichlorofluoromethane	0.217	0.200	--	1.22	1.12	--		1
Isopropanol	0.693	0.500	--	1.70	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	3.55	0.500	--	12.3	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	7.84	0.500	--	28.3	1.80	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-08
Client ID: SV-08
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 16:30
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	1.66	0.500	--	4.90	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.228	0.200	--	0.728	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.340	0.200	--	1.28	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	0.958	0.400	--	4.16	1.74	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-08
Client ID: SV-08
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 16:30
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.558	0.200	--	2.42	0.869	--		1
4-Ethyltoluene	0.297	0.200	--	1.46	0.983	--		1
1,3,5-Trimethylbenzene	0.562	0.200	--	2.76	0.983	--		1
1,2,4-Trimethylbenzene	1.89	0.200	--	9.29	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	119		60-140
Bromochloromethane	121		60-140
chlorobenzene-d5	109		60-140

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-08
Client ID: SV-08
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 16:30
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/06/24 03:39
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Ethanol	8.62	5.00	--	16.2	9.42	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	102		60-140
bromochloromethane	103		60-140
chlorobenzene-d5	101		60-140

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-09
Client ID: OA-01
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 16:40
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/05/24 18:37
Analyst: BJB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.399	0.200	--	1.97	0.989	--		1
Chloromethane	0.437	0.200	--	0.902	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.47	1.00	--	3.49	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-09
Client ID: OA-01
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 16:40
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

SAMPLE RESULTS

Lab ID: L2417442-09
Client ID: OA-01
Sample Location: BUFFALO, NY

Date Collected: 03/29/24 16:40
Date Received: 03/29/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	96		60-140

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/05/24 13:54

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 02-04,06,08 Batch: WG1905342-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/05/24 13:54

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 02-04,06,08 Batch: WG1905342-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/05/24 13:54

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 02-04,06,08 Batch: WG1905342-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 04/05/24 14:25

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 02-04,06,08 Batch: WG1905344-4								
Ethanol	ND	5.00	--	ND	9.42	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/05/24 16:01

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 09 Batch: WG1905354-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417442

Project Number: 4461.0001B002 **Report Date:** 04/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/05/24 16:01

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 09 Batch: WG1905354-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/05/24 16:01

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 09 Batch: WG1905354-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/06/24 17:04

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 07 Batch: WG1905617-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/06/24 17:04

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 07 Batch: WG1905617-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417442
Report Date: 04/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/06/24 17:04

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 07 Batch: WG1905617-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417442

Report Date: 04/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02-04,06,08 Batch: WG1905342-3								
Dichlorodifluoromethane	97		-		70-130	-		
Chloromethane	109		-		70-130	-		
Freon-114	114		-		70-130	-		
Vinyl chloride	108		-		70-130	-		
1,3-Butadiene	118		-		70-130	-		
Bromomethane	108		-		70-130	-		
Chloroethane	**136**	Q	-		70-130	-		
Ethanol	**178**	Q	-		40-160	-		
Vinyl bromide	103		-		70-130	-		
Acetone	126		-		40-160	-		
Trichlorofluoromethane	111		-		70-130	-		
Isopropanol	105		-		40-160	-		
1,1-Dichloroethene	120		-		70-130	-		
Tertiary butyl Alcohol	107		-		70-130	-		
Methylene chloride	97		-		70-130	-		
3-Chloropropene	107		-		70-130	-		
Carbon disulfide	87		-		70-130	-		
Freon-113	95		-		70-130	-		
trans-1,2-Dichloroethene	93		-		70-130	-		
1,1-Dichloroethane	94		-		70-130	-		
Methyl tert butyl ether	97		-		70-130	-		
2-Butanone	108		-		70-130	-		
cis-1,2-Dichloroethene	97		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417442

Report Date: 04/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02-04,06,08 Batch: WG1905342-3								
Ethyl Acetate	102		-		70-130	-		
Chloroform	99		-		70-130	-		
Tetrahydrofuran	98		-		70-130	-		
1,2-Dichloroethane	105		-		70-130	-		
n-Hexane	125		-		70-130	-		
1,1,1-Trichloroethane	**138**	Q	-		70-130	-		
Benzene	106		-		70-130	-		
Carbon tetrachloride	122		-		70-130	-		
Cyclohexane	116		-		70-130	-		
1,2-Dichloropropane	118		-		70-130	-		
Bromodichloromethane	129		-		70-130	-		
1,4-Dioxane	112		-		70-130	-		
Trichloroethene	110		-		70-130	-		
2,2,4-Trimethylpentane	126		-		70-130	-		
Heptane	130		-		70-130	-		
cis-1,3-Dichloropropene	117		-		70-130	-		
4-Methyl-2-pentanone	**137**	Q	-		70-130	-		
trans-1,3-Dichloropropene	113		-		70-130	-		
1,1,2-Trichloroethane	109		-		70-130	-		
Toluene	83		-		70-130	-		
2-Hexanone	95		-		70-130	-		
Dibromochloromethane	89		-		70-130	-		
1,2-Dibromoethane	80		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417442

Report Date: 04/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02-04,06,08 Batch: WG1905342-3								
Tetrachloroethene	79		-		70-130	-		
Chlorobenzene	83		-		70-130	-		
Ethylbenzene	85		-		70-130	-		
p/m-Xylene	90		-		70-130	-		
Bromoform	87		-		70-130	-		
Styrene	80		-		70-130	-		
1,1,2,2-Tetrachloroethane	91		-		70-130	-		
o-Xylene	93		-		70-130	-		
4-Ethyltoluene	88		-		70-130	-		
1,3,5-Trimethylbenzene	90		-		70-130	-		
1,2,4-Trimethylbenzene	93		-		70-130	-		
Benzyl chloride	96		-		70-130	-		
1,3-Dichlorobenzene	80		-		70-130	-		
1,4-Dichlorobenzene	82		-		70-130	-		
1,2-Dichlorobenzene	80		-		70-130	-		
1,2,4-Trichlorobenzene	72		-		70-130	-		
Naphthalene	91		-		70-130	-		
Hexachlorobutadiene	78		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417442

Report Date: 04/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 02-04,06,08 Batch: WG1905344-3								
Ethanol	114		-		40-160	-		25
1,1,1-Trichloroethane	122		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417442

Report Date: 04/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 09 Batch: WG1905354-3								
Dichlorodifluoromethane	91		-		70-130	-		
Chloromethane	77		-		70-130	-		
Freon-114	92		-		70-130	-		
Vinyl chloride	85		-		70-130	-		
1,3-Butadiene	89		-		70-130	-		
Bromomethane	86		-		70-130	-		
Chloroethane	83		-		70-130	-		
Ethanol	83		-		40-160	-		
Vinyl bromide	77		-		70-130	-		
Acetone	78		-		40-160	-		
Trichlorofluoromethane	85		-		70-130	-		
Isopropanol	78		-		40-160	-		
1,1-Dichloroethene	91		-		70-130	-		
Tertiary butyl Alcohol	80		-		70-130	-		
Methylene chloride	100		-		70-130	-		
3-Chloropropene	94		-		70-130	-		
Carbon disulfide	93		-		70-130	-		
Freon-113	94		-		70-130	-		
trans-1,2-Dichloroethene	87		-		70-130	-		
1,1-Dichloroethane	88		-		70-130	-		
Methyl tert butyl ether	88		-		70-130	-		
2-Butanone	91		-		70-130	-		
cis-1,2-Dichloroethene	91		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417442

Report Date: 04/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 09 Batch: WG1905354-3								
Ethyl Acetate	96		-		70-130	-		
Chloroform	95		-		70-130	-		
Tetrahydrofuran	90		-		70-130	-		
1,2-Dichloroethane	84		-		70-130	-		
n-Hexane	100		-		70-130	-		
1,1,1-Trichloroethane	92		-		70-130	-		
Benzene	102		-		70-130	-		
Carbon tetrachloride	98		-		70-130	-		
Cyclohexane	102		-		70-130	-		
1,2-Dichloropropane	94		-		70-130	-		
Bromodichloromethane	104		-		70-130	-		
1,4-Dioxane	100		-		70-130	-		
Trichloroethene	97		-		70-130	-		
2,2,4-Trimethylpentane	100		-		70-130	-		
Heptane	101		-		70-130	-		
cis-1,3-Dichloropropene	104		-		70-130	-		
4-Methyl-2-pentanone	104		-		70-130	-		
trans-1,3-Dichloropropene	104		-		70-130	-		
1,1,2-Trichloroethane	100		-		70-130	-		
Toluene	96		-		70-130	-		
2-Hexanone	103		-		70-130	-		
Dibromochloromethane	104		-		70-130	-		
1,2-Dibromoethane	104		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417442
Report Date: 04/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 09 Batch: WG1905354-3								
Tetrachloroethene	97		-		70-130	-		
Chlorobenzene	104		-		70-130	-		
Ethylbenzene	98		-		70-130	-		
p/m-Xylene	100		-		70-130	-		
Bromoform	108		-		70-130	-		
Styrene	109		-		70-130	-		
1,1,2,2-Tetrachloroethane	108		-		70-130	-		
o-Xylene	101		-		70-130	-		
4-Ethyltoluene	110		-		70-130	-		
1,3,5-Trimethylbenzene	111		-		70-130	-		
1,2,4-Trimethylbenzene	110		-		70-130	-		
Benzyl chloride	99		-		70-130	-		
1,3-Dichlorobenzene	111		-		70-130	-		
1,4-Dichlorobenzene	110		-		70-130	-		
1,2-Dichlorobenzene	110		-		70-130	-		
1,2,4-Trichlorobenzene	101		-		70-130	-		
Naphthalene	89		-		70-130	-		
Hexachlorobutadiene	97		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417442

Report Date: 04/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 07 Batch: WG1905617-3								
Dichlorodifluoromethane	88		-		70-130	-		
Chloromethane	74		-		70-130	-		
Freon-114	88		-		70-130	-		
Vinyl chloride	82		-		70-130	-		
1,3-Butadiene	86		-		70-130	-		
Bromomethane	84		-		70-130	-		
Chloroethane	80		-		70-130	-		
Ethanol	86		-		40-160	-		
Vinyl bromide	75		-		70-130	-		
Acetone	75		-		40-160	-		
Trichlorofluoromethane	71		-		70-130	-		
Isopropanol	74		-		40-160	-		
1,1-Dichloroethene	88		-		70-130	-		
Tertiary butyl Alcohol	77		-		70-130	-		
Methylene chloride	98		-		70-130	-		
3-Chloropropene	91		-		70-130	-		
Carbon disulfide	90		-		70-130	-		
Freon-113	92		-		70-130	-		
trans-1,2-Dichloroethene	84		-		70-130	-		
1,1-Dichloroethane	85		-		70-130	-		
Methyl tert butyl ether	84		-		70-130	-		
2-Butanone	89		-		70-130	-		
cis-1,2-Dichloroethene	88		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417442

Report Date: 04/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 07 Batch: WG1905617-3								
Ethyl Acetate	93		-		70-130	-		
Chloroform	92		-		70-130	-		
Tetrahydrofuran	87		-		70-130	-		
1,2-Dichloroethane	82		-		70-130	-		
n-Hexane	97		-		70-130	-		
1,1,1-Trichloroethane	90		-		70-130	-		
Benzene	100		-		70-130	-		
Carbon tetrachloride	97		-		70-130	-		
Cyclohexane	99		-		70-130	-		
1,2-Dichloropropane	92		-		70-130	-		
Bromodichloromethane	103		-		70-130	-		
1,4-Dioxane	99		-		70-130	-		
Trichloroethene	95		-		70-130	-		
2,2,4-Trimethylpentane	98		-		70-130	-		
Heptane	98		-		70-130	-		
cis-1,3-Dichloropropene	102		-		70-130	-		
4-Methyl-2-pentanone	101		-		70-130	-		
trans-1,3-Dichloropropene	102		-		70-130	-		
1,1,2-Trichloroethane	98		-		70-130	-		
Toluene	94		-		70-130	-		
2-Hexanone	101		-		70-130	-		
Dibromochloromethane	104		-		70-130	-		
1,2-Dibromoethane	102		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417442

Report Date: 04/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 07 Batch: WG1905617-3								
Tetrachloroethene	94		-		70-130	-		
Chlorobenzene	102		-		70-130	-		
Ethylbenzene	96		-		70-130	-		
p/m-Xylene	98		-		70-130	-		
Bromoform	106		-		70-130	-		
Styrene	107		-		70-130	-		
1,1,2,2-Tetrachloroethane	106		-		70-130	-		
o-Xylene	100		-		70-130	-		
4-Ethyltoluene	108		-		70-130	-		
1,3,5-Trimethylbenzene	109		-		70-130	-		
1,2,4-Trimethylbenzene	109		-		70-130	-		
Benzyl chloride	98		-		70-130	-		
1,3-Dichlorobenzene	110		-		70-130	-		
1,4-Dichlorobenzene	109		-		70-130	-		
1,2-Dichlorobenzene	109		-		70-130	-		
1,2,4-Trichlorobenzene	105		-		70-130	-		
Naphthalene	92		-		70-130	-		
Hexachlorobutadiene	99		-		70-130	-		

Project Name: 1681-1689 MAIN STREET

Lab Number: L2417442

Project Number: 4461.0001B002

Report Date: 04/10/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2417442-01	SV-01	0648	Flow 3	03/19/24	459471		-	-	-	Pass	9.0	8.1	11
L2417442-01	SV-01	176	2.7L Can	03/19/24	459471	L2412663-01	Pass	-29.1	-28.5	-	-	-	-
L2417442-02	SV-02	02181	Flow 4	03/19/24	459471		-	-	-	Pass	9.0	9.7	7
L2417442-02	SV-02	353	2.7L Can	03/19/24	459471	L2412663-01	Pass	-29.0	-19.4	-	-	-	-
L2417442-03	SV-03	01725	Flow 3	03/19/24	459471		-	-	-	Pass	9.0	9.6	6
L2417442-03	SV-03	2180	2.7L Can	03/19/24	459471	L2412663-01	Pass	-29.0	-3.2	-	-	-	-
L2417442-04	SV-04	01834	Flow 2	03/19/24	459471		-	-	-	Pass	9.0	9.4	4
L2417442-04	SV-04	2598	2.7L Can	03/19/24	459471	L2412663-01	Pass	-29.1	-6.4	-	-	-	-
L2417442-05	SV-05	0290	Flow 3	03/19/24	459471		-	-	-	Pass	9.0	9.3	3
L2417442-05	SV-05	2688	2.7L Can	03/19/24	459471	L2412663-01	Pass	-29.1	-28.4	-	-	-	-
L2417442-06	SV-06	01542	Flow 3	03/19/24	459471		-	-	-	Pass	9.0	10.5	15
L2417442-06	SV-06	3459	2.7L Can	03/19/24	459471	L2413916-04	Pass	-29.1	-7.1	-	-	-	-
L2417442-07	SV-07	01806	Flow 3	03/19/24	459471		-	-	-	Pass	9.0	10.3	13
L2417442-07	SV-07	2519	2.7L Can	03/19/24	459471	L2413916-04	Pass	-29.1	-5.0	-	-	-	-
L2417442-08	SV-08	0934	Flow 3	03/19/24	459471		-	-	-	Pass	9.0	11.0	20

Project Name: 1681-1689 MAIN STREET

Lab Number: L2417442

Project Number: 4461.0001B002

Report Date: 04/10/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2417442-08	SV-08	2427	2.7L Can	03/19/24	459471	L2413916-04	Pass	-29.2	0.0	-	-	-	-
L2417442-09	OA-01	01823	Flow 3	03/19/24	459471		-	-	-	Pass	9.0	7.9	13
L2417442-09	OA-01	2862	2.7L Can	03/19/24	459471	L2413916-04	Pass	-29.1	-5.3	-	-	-	-
L2417442-10	UNUSED CAN #320	01456	Flow 3	03/19/24	459471		-	-	-	Pass	9.0	10.8	18
L2417442-10	UNUSED CAN #320	320	2.7L Can	03/19/24	459471	L2413916-04	Pass	-29.1	1.2	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2412663
Report Date: 04/10/24

Air Canister Certification Results

Lab ID: L2412663-01
Client ID: CAN 496 SHELF 3
Sample Location:

Date Collected: 03/07/24 18:00
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/08/24 22:06
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2412663
Report Date: 04/10/24

Air Canister Certification Results

Lab ID: L2412663-01
Client ID: CAN 496 SHELF 3
Sample Location:

Date Collected: 03/07/24 18:00
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2412663
Report Date: 04/10/24

Air Canister Certification Results

Lab ID: L2412663-01
Client ID: CAN 496 SHELF 3
Sample Location:

Date Collected: 03/07/24 18:00
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2412663
Report Date: 04/10/24

Air Canister Certification Results

Lab ID: L2412663-01
Client ID: CAN 496 SHELF 3
Sample Location:

Date Collected: 03/07/24 18:00
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2412663
Report Date: 04/10/24

Air Canister Certification Results

Lab ID: L2412663-01
Client ID: CAN 496 SHELF 3
Sample Location:

Date Collected: 03/07/24 18:00
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	83		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2412663
Report Date: 04/10/24

Air Canister Certification Results

Lab ID: L2412663-01
Client ID: CAN 496 SHELF 3
Sample Location:

Date Collected: 03/07/24 18:00
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/08/24 22:06
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2412663
Report Date: 04/10/24

Air Canister Certification Results

Lab ID: L2412663-01
Client ID: CAN 496 SHELF 3
Sample Location:

Date Collected: 03/07/24 18:00
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2412663
Report Date: 04/10/24

Air Canister Certification Results

Lab ID: L2412663-01
Client ID: CAN 496 SHELF 3
Sample Location:

Date Collected: 03/07/24 18:00
Date Received: 03/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	88		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	84		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2413916
Report Date: 04/10/24

Air Canister Certification Results

Lab ID: L2413916-04
Client ID: CAN 561 SHELF 7
Sample Location:

Date Collected: 03/14/24 16:00
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/14/24 19:22
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2413916
Report Date: 04/10/24

Air Canister Certification Results

Lab ID: L2413916-04
Client ID: CAN 561 SHELF 7
Sample Location:

Date Collected: 03/14/24 16:00
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2413916
Report Date: 04/10/24

Air Canister Certification Results

Lab ID: L2413916-04
Client ID: CAN 561 SHELF 7
Sample Location:

Date Collected: 03/14/24 16:00
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2413916
Report Date: 04/10/24

Air Canister Certification Results

Lab ID: L2413916-04
Client ID: CAN 561 SHELF 7
Sample Location:

Date Collected: 03/14/24 16:00
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2413916
Report Date: 04/10/24

Air Canister Certification Results

Lab ID: L2413916-04
Client ID: CAN 561 SHELF 7
Sample Location:

Date Collected: 03/14/24 16:00
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	90		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2413916
Report Date: 04/10/24

Air Canister Certification Results

Lab ID: L2413916-04
Client ID: CAN 561 SHELF 7
Sample Location:

Date Collected: 03/14/24 16:00
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/14/24 19:22
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2413916
Report Date: 04/10/24

Air Canister Certification Results

Lab ID: L2413916-04
Client ID: CAN 561 SHELF 7
Sample Location:

Date Collected: 03/14/24 16:00
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2413916
Report Date: 04/10/24

Air Canister Certification Results

Lab ID: L2413916-04
Client ID: CAN 561 SHELF 7
Sample Location:

Date Collected: 03/14/24 16:00
Date Received: 03/14/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	83		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	89		60-140

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417442
Report Date: 04/10/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2417442-01A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		CANCELLED()
L2417442-02A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2417442-03A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2417442-04A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2417442-05A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		CANCELLED()
L2417442-06A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2417442-07A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2417442-08A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2417442-09A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2417442-10A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		CLEAN-FEE()

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2417442
Project Number:	4461.0001B002	**Report Date:**	04/10/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2417442
Project Number:	4461.0001B002	**Report Date:**	04/10/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2417442
Project Number:	4461.0001B002	**Report Date:**	04/10/24

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

AIR ANALYSIS

PAGE ____ OF ____

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 3/30/24

ALPHA Job #: L2417442

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY, 14218
Phone: 716-856-0599
Fax:
Email: amunley@rouxinc.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 1681 - 1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
Project Manager:
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker: _____
(Default based on Regulatory Criteria Indicated)
Other Formats: _____
☐ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: CAT B

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH (Subtract Non-petroleum HAPs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
17442-01	SV-01	3-29-24	1130	1540	-29.6	-29.7	SV	CEH	2.7L	176	0648	X	X				
02	SV-02		1155	1545	-29.6	-19.6				353	03181	X	X				
03	SV-03		1205	1550	-29.9	-4.5				2180	01725	X	X				
04	SV-04		1215	1558	-30.1	-7.5				3598	01834	X	X				
05	SV-05		1220	1610	-30.0	-29.8				2688	0290	X	X				
06	SV-06		1230	1618	-29.9	-8.2				3459	01542	X	X				
07	SV-07		1235	1625	-28.1	-5.9				2514	01806	X	X				
08	SV-08		1240	1630	-28.5	-1.8				2427	0934	X	X				
09	OA-01	3-29-24	1250	1640	-29.1	-7.0	SV	CEH	2.7L	2862	01823	X	X				

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Chesty Hochrath	3/29/24/1650	C. Gigley	3-29-24 16:50
C. Gigley	3-29-24 1650		3/30/24 0100
a 3/30/24/600		F. Mendoza AAL	3/30/24 0600

3/30/24 0750
3/30/24 0755
F. Mendoza AAL 3/30/24

ANALYTICAL REPORT

Lab Number:	L2417628
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	04/15/24

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

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

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417628
Report Date: 04/15/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2417628-01	MW-1	WATER	Not Specified	04/01/24 10:50	04/01/24
L2417628-02	MW-2	WATER	Not Specified	04/01/24 13:50	04/01/24
L2417628-03	MW-3	WATER	Not Specified	04/01/24 15:00	04/01/24
L2417628-04	MW-4	WATER	Not Specified	04/01/24 12:40	04/01/24
L2417628-05	BLIND DUP	WATER	Not Specified	04/01/24 08:00	04/01/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2417628
Project Number:	4461.0001B002	**Report Date:**	04/15/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2417628
Project Number:	4461.0001B002	**Report Date:**	04/15/24

Case Narrative (continued)

Report Submission

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

Perfluorinated Alkyl Acids by 1633

L2417628-01 through -05, WG1907828-4, and WG1907828-5: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1907828-4/-5 MS/MSD RPD, performed on L2417628-01, is outside the acceptance criteria for perfluorododecane sulfonic acid (pfdods) (32%).

Dissolved Mercury

The WG1904125-1 Method Blank, associated with L2417628-01 through -04, has a concentration above the reporting limit for mercury. Since the associated sample concentrations are non-detect to the RL for this target analyte, no corrective action is required.

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 04/15/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-01
Client ID: MW-1
Sample Location: Not Specified

Date Collected: 04/01/24 10:50
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/11/24 15:13
Analyst: MJV

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-01 Date Collected: 04/01/24 10:50

Client ID: MW-1 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/l	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-01 Date Collected: 04/01/24 10:50

Client ID: MW-1 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-02
Client ID: MW-2
Sample Location: Not Specified

Date Collected: 04/01/24 13:50
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/04/24 12:01
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	1.8	J	ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-02 Date Collected: 04/01/24 13:50

Client ID: MW-2 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	2.7		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-02 Date Collected: 04/01/24 13:50

Client ID: MW-2 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	110		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-03
Client ID: MW-3
Sample Location: Not Specified

Date Collected: 04/01/24 15:00
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/04/24 12:25
Analyst: MJV

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-03 Date Collected: 04/01/24 15:00

Client ID: MW-3 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	54		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds				
Total TIC Compounds	1.85	J	ug/l	1
Unknown	1.85	J	ug/l	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-03 Date Collected: 04/01/24 15:00

Client ID: MW-3 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	111		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-04
Client ID: MW-4
Sample Location: Not Specified

Date Collected: 04/01/24 12:40
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/04/24 12:49
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	0.15	J	ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	1.6		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.60	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	2.5		ug/l	2.5	0.70	1
Trichloroethene	2.7		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-04 Date Collected: 04/01/24 12:40

Client ID: MW-4 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	4.1		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	11		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/l	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-04 Date Collected: 04/01/24 12:40

Client ID: MW-4 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	109		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-05
Client ID: BLIND DUP
Sample Location: Not Specified

Date Collected: 04/01/24 08:00
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/11/24 19:25
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	0.15	J	ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	1.4		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.42	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	1.9	J	ug/l	2.5	0.70	1
Trichloroethene	2.6		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-05 Date Collected: 04/01/24 08:00

Client ID: BLIND DUP Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	3.6		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	9.3		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.9	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/l	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-05 Date Collected: 04/01/24 08:00

Client ID: BLIND DUP Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	104		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/04/24 08:47
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG1904818-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/04/24 08:47
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG1904818-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/04/24 08:47
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG1904818-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	108		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/11/24 07:47
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1907493-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/11/24 07:47
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1907493-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/11/24 07:47
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1907493-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	104		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/11/24 18:18
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1908567-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/11/24 18:18
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1908567-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/11/24 18:18
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1908567-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG1904818-3 WG1904818-4								
Methylene chloride	99		100		70-130	1		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	98		96		70-130	2		20
Carbon tetrachloride	92		91		63-132	1		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	92		95		63-130	3		20
1,1,2-Trichloroethane	97		100		70-130	3		20
Tetrachloroethene	99		94		70-130	5		20
Chlorobenzene	97		97		75-130	0		20
Trichlorofluoromethane	98		100		62-150	2		20
1,2-Dichloroethane	96		96		70-130	0		20
1,1,1-Trichloroethane	96		92		67-130	4		20
Bromodichloromethane	97		97		67-130	0		20
trans-1,3-Dichloropropene	93		94		70-130	1		20
cis-1,3-Dichloropropene	99		99		70-130	0		20
Bromoform	88		87		54-136	1		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	100		100		70-130	0		20
Toluene	97		97		70-130	0		20
Ethylbenzene	96		96		70-130	0		20
Chloromethane	120		120		64-130	0		20
Bromomethane	98		99		39-139	1		20
Vinyl chloride	120		120		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG1904818-3 WG1904818-4								
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	100		96		61-145	4		20
trans-1,2-Dichloroethene	100		96		70-130	4		20
Trichloroethene	93		91		70-130	2		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		99		70-130	1		20
Methyl tert butyl ether	92		93		63-130	1		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	110		110		70-130	0		20
cis-1,2-Dichloroethene	92		99		70-130	7		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	78		91		58-148	15		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	86		80		63-138	7		20
4-Methyl-2-pentanone	97		99		59-130	2		20
2-Hexanone	79		85		57-130	7		20
Bromochloromethane	110		100		70-130	10		20
1,2-Dibromoethane	100		100		70-130	0		20
n-Butylbenzene	98		93		53-136	5		20
sec-Butylbenzene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	86		88		41-144	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG1904818-3 WG1904818-4								
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	98		96		70-130	2		20
n-Propylbenzene	97		96		69-130	1		20
1,2,3-Trichlorobenzene	91		91		70-130	0		20
1,2,4-Trichlorobenzene	94		93		70-130	1		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
Methyl Acetate	97		100		70-130	3		20
Cyclohexane	120		120		70-130	0		20
1,4-Dioxane	92		96		56-162	4		20
Freon-113	120		110		70-130	9		20
Methyl cyclohexane	110		100		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		94		70-130
Toluene-d8	95		95		70-130
4-Bromofluorobenzene	89		88		70-130
Dibromofluoromethane	103		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1907493-3 WG1907493-4								
Methylene chloride	92		89		70-130	3		20
1,1-Dichloroethane	96		94		70-130	2		20
Chloroform	100		94		70-130	6		20
Carbon tetrachloride	100		97		63-132	3		20
1,2-Dichloropropane	93		90		70-130	3		20
Dibromochloromethane	97		96		63-130	1		20
1,1,2-Trichloroethane	99		98		70-130	1		20
Tetrachloroethene	100		96		70-130	4		20
Chlorobenzene	98		96		75-130	2		20
Trichlorofluoromethane	100		94		62-150	6		20
1,2-Dichloroethane	97		94		70-130	3		20
1,1,1-Trichloroethane	100		97		67-130	3		20
Bromodichloromethane	96		92		67-130	4		20
trans-1,3-Dichloropropene	100		98		70-130	2		20
cis-1,3-Dichloropropene	96		93		70-130	3		20
Bromoform	98		98		54-136	0		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	96		92		70-130	4		20
Toluene	98		96		70-130	2		20
Ethylbenzene	100		98		70-130	2		20
Chloromethane	84		83		64-130	1		20
Bromomethane	75		70		39-139	7		20
Vinyl chloride	91		86		55-140	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1907493-3 WG1907493-4								
Chloroethane	97		90		55-138	7		20
1,1-Dichloroethene	98		95		61-145	3		20
trans-1,2-Dichloroethene	97		93		70-130	4		20
Trichloroethene	95		92		70-130	3		20
1,2-Dichlorobenzene	100		98		70-130	2		20
1,3-Dichlorobenzene	100		99		70-130	1		20
1,4-Dichlorobenzene	100		98		70-130	2		20
Methyl tert butyl ether	94		93		63-130	1		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	97		94		70-130	3		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	95		91		36-147	4		20
Acetone	76		76		58-148	0		20
Carbon disulfide	97		92		51-130	5		20
2-Butanone	86		84		63-138	2		20
4-Methyl-2-pentanone	88		92		59-130	4		20
2-Hexanone	82		84		57-130	2		20
Bromochloromethane	96		95		70-130	1		20
1,2-Dibromoethane	98		96		70-130	2		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	96		98		41-144	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1907493-3 WG1907493-4								
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	110		100		70-130	10		20
n-Propylbenzene	110		100		69-130	10		20
1,2,3-Trichlorobenzene	99		94		70-130	5		20
1,2,4-Trichlorobenzene	100		99		70-130	1		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
Methyl Acetate	89		88		70-130	1		20
Cyclohexane	99		94		70-130	5		20
1,4-Dioxane	80		82		56-162	2		20
Freon-113	100		97		70-130	3		20
Methyl cyclohexane	100		95		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		104		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	103		102		70-130
Dibromofluoromethane	101		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1908567-3 WG1908567-4								
Methylene chloride	90		92		70-130	2		20
1,1-Dichloroethane	92		97		70-130	5		20
Chloroform	97		100		70-130	3		20
Carbon tetrachloride	95		98		63-132	3		20
1,2-Dichloropropane	88		93		70-130	6		20
Dibromochloromethane	96		99		63-130	3		20
1,1,2-Trichloroethane	99		100		70-130	1		20
Tetrachloroethene	98		98		70-130	0		20
Chlorobenzene	97		98		75-130	1		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	94		100		70-130	6		20
1,1,1-Trichloroethane	96		100		67-130	4		20
Bromodichloromethane	93		97		67-130	4		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	92		96		70-130	4		20
Bromoform	100		100		54-136	0		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	92		95		70-130	3		20
Toluene	98		97		70-130	1		20
Ethylbenzene	99		100		70-130	1		20
Chloromethane	72		88		64-130	20		20
Bromomethane	68		72		39-139	6		20
Vinyl chloride	90		91		55-140	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1908567-3 WG1908567-4								
Chloroethane	99		98		55-138	1		20
1,1-Dichloroethene	94		98		61-145	4		20
trans-1,2-Dichloroethene	93		96		70-130	3		20
Trichloroethene	91		95		70-130	4		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	90		97		63-130	7		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	92		94		70-130	2		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	80		96		36-147	18		20
Acetone	75		87		58-148	15		20
Carbon disulfide	93		97		51-130	4		20
2-Butanone	87		96		63-138	10		20
4-Methyl-2-pentanone	84		94		59-130	11		20
2-Hexanone	82		90		57-130	9		20
Bromochloromethane	93		98		70-130	5		20
1,2-Dibromoethane	98		100		70-130	2		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	100		99		41-144	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1908567-3 WG1908567-4								
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	97		100		70-130	3		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
Methyl Acetate	87		98		70-130	12		20
Cyclohexane	90		97		70-130	7		20
1,4-Dioxane	80		82		56-162	2		20
Freon-113	98		100		70-130	2		20
Methyl cyclohexane	93		96		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		107		70-130
Toluene-d8	103		101		70-130
4-Bromofluorobenzene	102		103		70-130
Dibromofluoromethane	102		102		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-01
Client ID: MW-1
Sample Location: Not Specified

Date Collected: 04/01/24 10:50
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/10/24 03:02
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-01 Date Collected: 04/01/24 10:50

Client ID: MW-1 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Tentatively Identified Compounds						
Total TIC Compounds	34.6	J	ug/l			1
Unknown	3.16	J	ug/l			1
Unknown	3.38	J	ug/l			1
Unknown Organic Acid	4.25	J	ug/l			1
Unknown	2.65	J	ug/l			1
Unknown	2.29	J	ug/l			1
Unknown Phenol	13.3	J	ug/l			1
Unknown	3.45	J	ug/l			1
Unknown	2.14	J	ug/l			1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-01 Date Collected: 04/01/24 10:50

Client ID: MW-1 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	66		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-01
Client ID: MW-1
Sample Location: Not Specified

Date Collected: 04/01/24 10:50
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/07/24 17:08
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.08	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-01 Date Collected: 04/01/24 10:50

Client ID: MW-1 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	75		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-01
Client ID: MW-1
Sample Location: Not Specified

Date Collected: 04/01/24 10:50
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 04/12/24 21:47
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 04/12/24 06:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.22	J	ng/l	5.86	0.938	1
Perfluoropentanoic Acid (PFPeA)	1.29	J	ng/l	2.93	0.784	1
Perfluorobutanesulfonic Acid (PFBS)	0.535	J	ng/l	1.47	0.491	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.86	1.53	1
Perfluorohexanoic Acid (PFHxA)	1.75		ng/l	1.47	0.432	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.47	0.256	1
Perfluoroheptanoic Acid (PFHpA)	0.968	J	ng/l	1.47	0.293	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.47	0.352	1
Perfluorooctanoic Acid (PFOA)	3.92		ng/l	1.47	0.638	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.86	1.98	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.47	0.396	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.47	0.462	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.47	0.667	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.47	0.594	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.86	2.28	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.47	0.454	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.47	0.799	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.47	0.638	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.47	0.337	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.47	0.396	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.47	0.792	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.47	0.674	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.47	0.550	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.47	0.388	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.86	0.821	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.86	0.924	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.47	0.557	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-01 Date Collected: 04/01/24 10:50

Client ID: MW-1 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.86	1.21	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.86	1.21	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.47	0.638	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.47	0.674	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.7	3.44	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.7	1.80	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.93	0.418	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.93	0.388	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.93	0.322	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.93	1.73	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.33	2.42	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.6	8.58	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.6	5.78	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-01 Date Collected: 04/01/24 10:50

Client ID: MW-1 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	79		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	72		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	93		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**199**	Q	20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	98		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	90		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	70		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	92		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	52		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	73		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	48		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	69		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	55		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	54		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	59		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	54		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-02
Client ID: MW-2
Sample Location: Not Specified

Date Collected: 04/01/24 13:50
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/09/24 20:22
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 14:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-02 Date Collected: 04/01/24 13:50

Client ID: MW-2 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Tentatively Identified Compounds						
Total TIC Compounds	45.5	J	ug/l			1
Unknown Amide	8.04	J	ug/l			1
Unknown Amide	1.64	J	ug/l			1
Unknown Organic Acid	1.56	J	ug/l			1
Unknown	3.02	J	ug/l			1
Unknown Phenol	23.1	J	ug/l			1
Unknown Organic Acid	3.09	J	ug/l			1
Unknown	2.51	J	ug/l			1
Unknown	2.58	J	ug/l			1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-02 Date Collected: 04/01/24 13:50

Client ID: MW-2 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	71		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-02
Client ID: MW-2
Sample Location: Not Specified

Date Collected: 04/01/24 13:50
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/07/24 17:25
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 14:47

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-02 Date Collected: 04/01/24 13:50

Client ID: MW-2 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	85		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-02
Client ID: MW-2
Sample Location: Not Specified

Date Collected: 04/01/24 13:50
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 04/12/24 22:26
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 04/12/24 06:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.11	J	ng/l	6.25	1.00	1
Perfluoropentanoic Acid (PFPeA)	2.30	J	ng/l	3.13	0.836	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.56	0.524	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.25	1.63	1
Perfluorohexanoic Acid (PFHxA)	1.42	J	ng/l	1.56	0.461	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.56	0.274	1
Perfluoroheptanoic Acid (PFHpA)	0.469	JF	ng/l	1.56	0.313	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.56	0.375	1
Perfluorooctanoic Acid (PFOA)	1.43	J	ng/l	1.56	0.680	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.25	2.11	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.56	0.422	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.56	0.492	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.56	0.711	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.56	0.633	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.25	2.43	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.56	0.485	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.56	0.852	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.56	0.680	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.56	0.360	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.56	0.422	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.56	0.844	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.56	0.719	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.56	0.586	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.56	0.414	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.25	0.875	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.25	0.985	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.56	0.594	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-02 Date Collected: 04/01/24 13:50

Client ID: MW-2 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.25	1.29	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.25	1.29	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.56	0.680	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.56	0.719	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.6	3.67	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.6	1.92	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.13	0.446	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.13	0.414	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.13	0.344	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.13	1.84	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.82	2.58	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	39.1	9.14	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	39.1	6.17	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-02 Date Collected: 04/01/24 13:50

Client ID: MW-2 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	80		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**161**	Q	20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	87		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	88		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	73		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	83		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	75		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	55		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	81		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	67		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	56		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	68		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	52		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	60		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	71		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	67		20-150

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-03
Client ID: MW-3
Sample Location: Not Specified

Date Collected: 04/01/24 15:00
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/09/24 20:47
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 14:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-03 Date Collected: 04/01/24 15:00

Client ID: MW-3 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-03 Date Collected: 04/01/24 15:00

Client ID: MW-3 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	87.7	J	ug/l			1
Unknown	3.42	J	ug/l			1
Unknown	6.25	J	ug/l			1
Unknown	20.7	J	ug/l			1
Unknown Amide	1.71	J	ug/l			1
Unknown	2.44	J	ug/l			1
Unknown Organic Acid	4.58	J	ug/l			1
Unknown	3.42	J	ug/l			1
Unknown Amide	5.64	J	ug/l			1
Unknown Ketone	1.56	J	ug/l			1
Unknown Phenol	1.60	J	ug/l			1
Unknown	2.47	J	ug/l			1
Unknown Organic Acid	2.51	J	ug/l			1
Unknown	2.04	J	ug/l			1
Unknown Phenol	29.4	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	72		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-03
Client ID: MW-3
Sample Location: Not Specified

Date Collected: 04/01/24 15:00
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/07/24 17:42
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 14:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.06	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.06	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.04	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.05	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	0.16	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-03 Date Collected: 04/01/24 15:00

Client ID: MW-3 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	84		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-03
Client ID: MW-3
Sample Location: Not Specified

Date Collected: 04/01/24 15:00
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 04/12/24 22:39
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 04/12/24 06:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.72	J	ng/l	5.94	0.950	1
Perfluoropentanoic Acid (PFPeA)	2.26	J	ng/l	2.97	0.795	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.48	0.498	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.94	1.55	1
Perfluorohexanoic Acid (PFHxA)	2.07		ng/l	1.48	0.438	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.48	0.260	1
Perfluoroheptanoic Acid (PFHpA)	0.602	JF	ng/l	1.48	0.297	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.48	0.356	1
Perfluorooctanoic Acid (PFOA)	1.19	J	ng/l	1.48	0.646	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.94	2.00	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.48	0.401	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.48	0.468	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.48	0.676	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.48	0.602	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.94	2.31	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.48	0.460	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.48	0.809	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.48	0.646	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.48	0.342	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.48	0.401	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.48	0.802	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.48	0.683	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.48	0.557	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.48	0.394	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.94	0.832	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.94	0.936	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.48	0.564	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-03 Date Collected: 04/01/24 15:00

Client ID: MW-3 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.94	1.22	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.94	1.22	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.48	0.646	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.48	0.683	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.8	3.49	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.8	1.82	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.97	0.423	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.97	0.394	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.97	0.327	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.97	1.75	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.43	2.45	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.1	8.69	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.1	5.86	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-03 Date Collected: 04/01/24 15:00

Client ID: MW-3 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**159**	Q	20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	92		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	93		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	70		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	89		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	84		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	87		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	55		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	80		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	72		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	57		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	70		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	57		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	59		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	61		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	61		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-04
Client ID: MW-4
Sample Location: Not Specified

Date Collected: 04/01/24 12:40
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/09/24 21:13
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 14:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-04 Date Collected: 04/01/24 12:40

Client ID: MW-4 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Tentatively Identified Compounds				
Total TIC Compounds	67.6	J	ug/l	1
Unknown Organic Acid	4.18	J	ug/l	1
Unknown	2.65	J	ug/l	1
Unknown Organic Acid	6.18	J	ug/l	1
Unknown Phenol	1.49	J	ug/l	1
Unknown	5.45	J	ug/l	1
Unknown Organic Acid	2.00	J	ug/l	1
Unknown Organic Acid	6.33	J	ug/l	1
Unknown Ketone	19.1	J	ug/l	1
Unknown	2.69	J	ug/l	1
Unknown	6.11	J	ug/l	1
Unknown	11.4	J	ug/l	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-04 Date Collected: 04/01/24 12:40

Client ID: MW-4 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	68		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-04
Client ID: MW-4
Sample Location: Not Specified

Date Collected: 04/01/24 12:40
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/07/24 17:58
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 14:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.04	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.04	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-04 Date Collected: 04/01/24 12:40

Client ID: MW-4 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	78		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-04
Client ID: MW-4
Sample Location: Not Specified

Date Collected: 04/01/24 12:40
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 04/12/24 22:52
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 04/12/24 06:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	6.83		ng/l	6.27	1.00	1
Perfluoropentanoic Acid (PFPeA)	5.03		ng/l	3.13	0.838	1
Perfluorobutanesulfonic Acid (PFBS)	0.838	J	ng/l	1.57	0.525	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.27	1.64	1
Perfluorohexanoic Acid (PFHxA)	5.09		ng/l	1.57	0.462	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.57	0.274	1
Perfluoroheptanoic Acid (PFHpA)	3.29		ng/l	1.57	0.313	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.57	0.376	1
Perfluorooctanoic Acid (PFOA)	3.38		ng/l	1.57	0.682	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.27	2.12	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.57	0.423	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.57	0.494	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.57	0.713	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.57	0.635	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.27	2.44	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.57	0.486	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.57	0.854	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.57	0.682	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.57	0.360	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.57	0.423	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.57	0.846	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.57	0.721	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.57	0.588	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.57	0.415	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.27	0.878	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.27	0.987	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.57	0.596	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-04 Date Collected: 04/01/24 12:40

Client ID: MW-4 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.27	1.29	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.27	1.29	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.57	0.682	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.57	0.721	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.7	3.68	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.7	1.92	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.13	0.447	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.13	0.415	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.13	0.345	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.13	1.85	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.84	2.59	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	39.2	9.17	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	39.2	6.18	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-04 Date Collected: 04/01/24 12:40

Client ID: MW-4 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	75		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**205**	Q	20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	106		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	62		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	78		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	103		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	66		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	73		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	46		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	74		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	69		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	46		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	49		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	56		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	57		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-05
Client ID: BLIND DUP
Sample Location: Not Specified

Date Collected: 04/01/24 08:00
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/10/24 03:27
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 17:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-05 Date Collected: 04/01/24 08:00

Client ID: BLIND DUP Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Tentatively Identified Compounds						
Total TIC Compounds	54.9	J	ug/l			1
Unknown	3.42	J	ug/l			1
Unknown Ketone	17.8	J	ug/l			1
Unknown Organic Acid	4.25	J	ug/l			1
Unknown	2.22	J	ug/l			1
Unknown	2.07	J	ug/l			1
Unknown Organic Acid	5.31	J	ug/l			1
Unknown	5.27	J	ug/l			1
Unknown	6.07	J	ug/l			1
Unknown	2.73	J	ug/l			1
Unknown Organic Acid	5.74	J	ug/l			1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-05 Date Collected: 04/01/24 08:00

Client ID: BLIND DUP Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	49		10-120
4-Terphenyl-d14	69		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-05
Client ID: BLIND DUP
Sample Location: Not Specified

Date Collected: 04/01/24 08:00
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/07/24 18:15
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 17:42

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-05 Date Collected: 04/01/24 08:00

Client ID: BLIND DUP Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	82		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-05
Client ID: BLIND DUP
Sample Location: Not Specified

Date Collected: 04/01/24 08:00
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 04/12/24 23:05
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 04/12/24 06:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	6.59		ng/l	5.94	0.951	1
Perfluoropentanoic Acid (PFPeA)	5.39		ng/l	2.97	0.795	1
Perfluorobutanesulfonic Acid (PFBS)	0.847	J	ng/l	1.49	0.498	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.94	1.55	1
Perfluorohexanoic Acid (PFHxA)	5.34		ng/l	1.49	0.438	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.49	0.260	1
Perfluoroheptanoic Acid (PFHpA)	3.54		ng/l	1.49	0.297	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.49	0.357	1
Perfluorooctanoic Acid (PFOA)	3.37		ng/l	1.49	0.646	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.94	2.01	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.49	0.401	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.49	0.468	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.49	0.676	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.49	0.602	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.94	2.31	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.49	0.461	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.49	0.810	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.49	0.646	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.49	0.342	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.49	0.401	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.49	0.802	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.49	0.684	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.49	0.557	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.49	0.394	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.94	0.832	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.94	0.936	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.49	0.565	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-05 Date Collected: 04/01/24 08:00

Client ID: BLIND DUP Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.94	1.23	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.94	1.23	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.49	0.646	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.49	0.684	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.9	3.49	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.9	1.82	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.97	0.424	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.97	0.394	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.97	0.327	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.97	1.75	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.43	2.45	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.2	8.69	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.2	5.86	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-05 Date Collected: 04/01/24 08:00

Client ID: BLIND DUP Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	72		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**194**	Q	20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	77		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	97		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	70		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	61		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	62		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	94		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	61		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	59		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	54		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	74		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	56		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	47		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	68		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	52		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	56		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	57		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	54		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/06/24 04:11
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 09:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,05 Batch: WG1905169-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/06/24 04:11
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 09:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,05 Batch: WG1905169-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Tentatively Identified Compounds

Total TIC Compounds	15.6	J	ug/l
Unknown	1.71	J	ug/l
Unknown	3.02	J	ug/l
Unknown Organic Acid	5.67	J	ug/l
Unknown Organic Acid	5.20	J	ug/l

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/06/24 04:11
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 09:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,05 Batch: WG1905169-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	61		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/05/24 14:51
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 09:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01,05 Batch: WG1905173-1					
Acenaphthene	0.03	J	ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	0.04	J	ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.01
Benzo(k)fluoranthene	0.03	J	ug/l	0.10	0.01
Chrysene	0.03	J	ug/l	0.10	0.01
Acenaphthylene	0.02	J	ug/l	0.10	0.01
Anthracene	0.03	J	ug/l	0.10	0.01
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01
Fluorene	0.04	J	ug/l	0.10	0.01
Phenanthrene	0.04	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01
Pyrene	0.03	J	ug/l	0.10	0.02
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/05/24 14:51
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 09:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01,05 Batch: WG1905173-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	100		10-120
4-Terphenyl-d14	55		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417628
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/06/24 19:28
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 14:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02-04 Batch: WG1905316-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	0.06	J	ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	0.05	J	ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	0.04	J	ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/06/24 19:28
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 14:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02-04 Batch: WG1905316-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	80		41-149

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/06/24 05:24
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 14:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG1905320-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/06/24 05:24
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 14:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG1905320-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Tentatively Identified Compounds

Total TIC Compounds	15.1	J	ug/l
Unknown	1.71	J	ug/l
Unknown	3.05	J	ug/l
Unknown Organic Acid	2.69	J	ug/l
Unknown	5.60	J	ug/l
Unknown	2.04	J	ug/l

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/06/24 05:24
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 14:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG1905320-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	70		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/12/24 20:17
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 04/12/24 06:21

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-05 Batch: WG1907828-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.67
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.280
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.496
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.896
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.01
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.608

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/12/24 20:17
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 04/12/24 06:21

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-05 Batch: WG1907828-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.32
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	1.32
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.696
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.736
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	3.76
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.96
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.456
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.424
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.352
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	1.89
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.64
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	9.36
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	6.31

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/12/24 20:17
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 04/12/24 06:21

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-05 Batch: WG1907828-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	103		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	96		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	74		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	70		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	88		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	66		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	85		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	69		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	70		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	56		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	60		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	83		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	83		20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417628
Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05 Batch: WG1905169-2 WG1905169-3								
Bis(2-chloroethyl)ether	71		53		40-140	29		30
3,3'-Dichlorobenzidine	64		50		40-140	25		30
2,4-Dinitrotoluene	78		58		48-143	29		30
2,6-Dinitrotoluene	77		57		40-140	30		30
4-Chlorophenyl phenyl ether	72		54		40-140	29		30
4-Bromophenyl phenyl ether	75		52		40-140	**36**	Q	30
Bis(2-chloroisopropyl)ether	76		56		40-140	30		30
Bis(2-chloroethoxy)methane	76		55		40-140	**32**	Q	30
Hexachlorocyclopentadiene	78		52		40-140	**40**	Q	30
Isophorone	75		55		40-140	**31**	Q	30
Nitrobenzene	72		54		40-140	29		30
NDPA/DPA	76		54		40-140	**34**	Q	30
n-Nitrosodi-n-propylamine	76		54		29-132	**34**	Q	30
Bis(2-ethylhexyl)phthalate	72		55		40-140	27		30
Butyl benzyl phthalate	76		58		40-140	27		30
Di-n-butylphthalate	76		58		40-140	27		30
Di-n-octylphthalate	74		58		40-140	24		30
Diethyl phthalate	78		56		40-140	**33**	Q	30
Dimethyl phthalate	76		56		40-140	30		30
Biphenyl	75		55		40-140	**31**	Q	30
4-Chloroaniline	62		54		40-140	14		30
2-Nitroaniline	84		61		52-143	**32**	Q	30
3-Nitroaniline	80		61		25-145	27		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05 Batch: WG1905169-2 WG1905169-3								
4-Nitroaniline	76		60		51-143	24		30
Dibenzofuran	74		53		40-140	**33**	Q	30
1,2,4,5-Tetrachlorobenzene	72		52		2-134	**32**	Q	30
Acetophenone	76		55		39-129	**32**	Q	30
2,4,6-Trichlorophenol	75		57		30-130	27		30
p-Chloro-m-cresol	78		57		23-97	**31**	Q	30
2-Chlorophenol	77		57		27-123	30		30
2,4-Dichlorophenol	76		57		30-130	29		30
2,4-Dimethylphenol	78		58		30-130	29		30
2-Nitrophenol	77		57		30-130	30		30
4-Nitrophenol	77		56		10-80	**32**	Q	30
2,4-Dinitrophenol	88		66		20-130	29		30
4,6-Dinitro-o-cresol	86		64		20-164	29		30
Phenol	55		41		12-110	29		30
2-Methylphenol	76		56		30-130	30		30
3-Methylphenol/4-Methylphenol	73		55		30-130	28		30
2,4,5-Trichlorophenol	79		56		30-130	**34**	Q	30
Carbazole	73		56		55-144	26		30
Atrazine	82		57		40-140	**36**	Q	30
Benzaldehyde	**153**	Q	108		40-140	**34**	Q	30
Caprolactam	41		30		10-130	**31**	Q	30
2,3,4,6-Tetrachlorophenol	76		56		40-140	30		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05 Batch: WG1905169-2 WG1905169-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		52		21-120
Phenol-d6	59		44		10-120
Nitrobenzene-d5	80		58		23-120
2-Fluorobiphenyl	74		52		15-120
2,4,6-Tribromophenol	77		58		10-120
4-Terphenyl-d14	71		54		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01,05 Batch: WG1905173-2 WG1905173-3								
Acenaphthene	88		64		40-140	32		40
2-Chloronaphthalene	78		57		40-140	31		40
Fluoranthene	81		62		40-140	27		40
Hexachlorobutadiene	88		64		40-140	32		40
Naphthalene	82		59		40-140	33		40
Benzo(a)anthracene	99		73		40-140	30		40
Benzo(a)pyrene	82		61		40-140	29		40
Benzo(b)fluoranthene	87		64		40-140	30		40
Benzo(k)fluoranthene	81		60		40-140	30		40
Chrysene	92		66		40-140	33		40
Acenaphthylene	78		57		40-140	31		40
Anthracene	91		67		40-140	30		40
Benzo(ghi)perylene	79		59		40-140	29		40
Fluorene	87		64		40-140	30		40
Phenanthrene	88		65		40-140	30		40
Dibenzo(a,h)anthracene	78		58		40-140	29		40
Indeno(1,2,3-cd)pyrene	87		65		40-140	29		40
Pyrene	80		62		40-140	25		40
2-Methylnaphthalene	77		56		40-140	32		40
Pentachlorophenol	118		85		40-140	33		40
Hexachlorobenzene	100		74		40-140	30		40
Hexachloroethane	82		59		40-140	33		40

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Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01,05 Batch: WG1905173-2 WG1905173-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		57		21-120
Phenol-d6	68		49		10-120
Nitrobenzene-d5	94		67		23-120
2-Fluorobiphenyl	76		55		15-120
2,4,6-Tribromophenol	**124**	Q	92		10-120
4-Terphenyl-d14	62		48		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02-04 Batch: WG1905316-2 WG1905316-3								
Acenaphthene	69		73		40-140	6		40
2-Chloronaphthalene	68		73		40-140	7		40
Fluoranthene	83		85		40-140	2		40
Hexachlorobutadiene	55		61		40-140	10		40
Naphthalene	64		70		40-140	9		40
Benzo(a)anthracene	76		79		40-140	4		40
Benzo(a)pyrene	80		83		40-140	4		40
Benzo(b)fluoranthene	82		83		40-140	1		40
Benzo(k)fluoranthene	81		85		40-140	5		40
Chrysene	75		77		40-140	3		40
Acenaphthylene	74		77		40-140	4		40
Anthracene	76		79		40-140	4		40
Benzo(ghi)perylene	76		78		40-140	3		40
Fluorene	78		81		40-140	4		40
Phenanthrene	72		74		40-140	3		40
Dibenzo(a,h)anthracene	83		84		40-140	1		40
Indeno(1,2,3-cd)pyrene	85		86		40-140	1		40
Pyrene	84		88		40-140	5		40
2-Methylnaphthalene	68		74		40-140	8		40
Pentachlorophenol	85		85		40-140	0		40
Hexachlorobenzene	64		67		40-140	5		40
Hexachloroethane	63		70		40-140	11		40

Lab Control Sample Analysis

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02-04 Batch: WG1905316-2 WG1905316-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	66		70		21-120
Phenol-d6	61		64		10-120
Nitrobenzene-d5	97		103		23-120
2-Fluorobiphenyl	73		76		15-120
2,4,6-Tribromophenol	91		92		10-120
4-Terphenyl-d14	82		83		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG1905320-2 WG1905320-3								
Bis(2-chloroethyl)ether	63		74		40-140	16		30
3,3'-Dichlorobenzidine	58		63		40-140	8		30
2,4-Dinitrotoluene	79		82		48-143	4		30
2,6-Dinitrotoluene	77		83		40-140	8		30
4-Chlorophenyl phenyl ether	75		78		40-140	4		30
4-Bromophenyl phenyl ether	73		72		40-140	1		30
Bis(2-chloroisopropyl)ether	67		77		40-140	14		30
Bis(2-chloroethoxy)methane	68		75		40-140	10		30
Hexachlorocyclopentadiene	67		75		40-140	11		30
Isophorone	70		77		40-140	10		30
Nitrobenzene	67		75		40-140	11		30
NDPA/DPA	76		77		40-140	1		30
n-Nitrosodi-n-propylamine	68		73		29-132	7		30
Bis(2-ethylhexyl)phthalate	72		75		40-140	4		30
Butyl benzyl phthalate	76		76		40-140	0		30
Di-n-butylphthalate	75		79		40-140	5		30
Di-n-octylphthalate	72		75		40-140	4		30
Diethyl phthalate	78		82		40-140	5		30
Dimethyl phthalate	74		80		40-140	8		30
Biphenyl	70		78		40-140	11		30
4-Chloroaniline	53		60		40-140	12		30
2-Nitroaniline	80		85		52-143	6		30
3-Nitroaniline	72		79		25-145	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG1905320-2 WG1905320-3								
4-Nitroaniline	72		80		51-143	11		30
Dibenzofuran	71		77		40-140	8		30
1,2,4,5-Tetrachlorobenzene	66		72		2-134	9		30
Acetophenone	70		76		39-129	8		30
2,4,6-Trichlorophenol	74		75		30-130	1		30
p-Chloro-m-cresol	75		83		23-97	10		30
2-Chlorophenol	67		76		27-123	13		30
2,4-Dichlorophenol	73		79		30-130	8		30
2,4-Dimethylphenol	59		65		30-130	10		30
2-Nitrophenol	72		80		30-130	11		30
4-Nitrophenol	76		**82**	Q	10-80	8		30
2,4-Dinitrophenol	95		94		20-130	1		30
4,6-Dinitro-o-cresol	85		91		20-164	7		30
Phenol	48		53		12-110	10		30
2-Methylphenol	65		69		30-130	6		30
3-Methylphenol/4-Methylphenol	65		67		30-130	3		30
2,4,5-Trichlorophenol	74		79		30-130	7		30
Carbazole	73		76		55-144	4		30
Atrazine	79		81		40-140	3		30
Benzaldehyde	**142**	Q	**157**	Q	40-140	10		30
Caprolactam	41		41		10-130	0		30
2,3,4,6-Tetrachlorophenol	78		81		40-140	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417628
Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG1905320-2 WG1905320-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		67		21-120
Phenol-d6	52		55		10-120
Nitrobenzene-d5	72		77		23-120
2-Fluorobiphenyl	68		76		15-120
2,4,6-Tribromophenol	74		80		10-120
4-Terphenyl-d14	71		74		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1907828-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	101		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	95		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	94		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	102		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	89		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	107		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	98		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	90		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	104		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	104		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	96		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	116		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	104		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	118		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	95		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	104		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	95		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	100		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	96		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	100		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	112		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	98		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1907828-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	90		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	102		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	119		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	123		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	98		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	109		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	104		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	78		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	95		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	92		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	93		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	98		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	102		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	97		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	74		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	81		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	65		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	41		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1907828-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	89				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	96				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	93				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	77				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	71				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	75				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	62				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	79				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	62				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	67				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	80				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	72				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	75				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	52				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	50				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	77				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	74				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417628
Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1907828-3								
Perfluorobutanoic Acid (PFBA)	91		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	90		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	82		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	101		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	97		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	102		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	91		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	90		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	98		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	91		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	99		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	109		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	93		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	87		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	89		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	94		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	97		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	81		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	94		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	91		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	97		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	103		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1907828-3								
Perfluorotridecanoic Acid (PFTrDA)	89		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	89		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	104		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	114		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	97		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	98		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	95		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	81		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	84		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	98		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	92		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	95		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	94		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	92		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	64		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	86		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	68		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	40		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1907828-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	89				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	92				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	89				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	84				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	92				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	70				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	72				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	92				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	83				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	79				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	78				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	73				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	59				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	63				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	79				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	78				20-150

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1907828-4 WG1907828-5 QC Sample: L2417628-01 Client ID: MW-1												
Perfluorobutanoic Acid (PFBA)	1.22J	77.2	63.2	80		70.9	93		40-150	11		30
Perfluoropentanoic Acid (PFPeA)	1.29J	38.6	32.2	80		35.6	92		40-150	10		30
Perfluorobutanesulfonic Acid (PFBS)	0.535J	17.1	13.9	78		15.6	91		40-150	12		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	72.4	62.7	87		71.0	101		40-150	12		30
Perfluorohexanoic Acid (PFHxA)	1.75	19.3	16.5	76		19.4	94		40-150	16		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	18.2	16.0	88		18.2	103		40-150	13		30
Perfluoroheptanoic Acid (PFHpA)	0.968J	19.3	16.6	81		18.0	91		40-150	8		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	17.6	15.0	85		16.3	95		40-150	8		30
Perfluorooctanoic Acid (PFOA)	3.92	19.3	21.5	91		24.2	108		40-150	12		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	73.4	61.5	84		71.3	100		40-150	15		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	18.4	16.8	91		18.1	102		40-150	7		30
Perfluorononanoic Acid (PFNA)	ND	19.3	18.1	94		19.8	106		40-150	9		30
Perfluorooctanesulfonic Acid (PFOS)	ND	17.9	13.8	77		16.2	93		40-150	16		30
Perfluorodecanoic Acid (PFDA)	ND	19.3	16.4	85		15.8	84		40-150	4		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	74.2	65.0	88		71.6	100		40-150	10		30
Perfluorononanesulfonic Acid (PFNS)	ND	18.6	13.7	74		18.0	100		40-150	27		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	19.3	18.0	93		18.9	101		40-150	5		30
Perfluoroundecanoic Acid (PFUnA)	ND	19.3	15.4	80		18.3	98		40-150	17		30
Perfluorodecanesulfonic Acid (PFDS)	ND	18.6	12.8	69		16.3	90		40-150	24		30
Perfluorooctanesulfonamide (PFOSA)	ND	19.3	17.0	88		17.7	95		40-150	4		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	19.3	19.0	98		16.7	89		40-150	13		30
Perfluorododecanoic Acid (PFDoA)	ND	19.3	17.4	90		17.6	94		40-150	1		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1907828-4 WG1907828-5 QC Sample: L2417628-01 Client ID: MW-1												
Perfluorotridecanoic Acid (PFTrDA)	ND	19.3	14.6	76		15.3	82		40-150	5		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	19.3	18.5	96		18.0	96		40-150	3		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	77.2	70.4	91		79.0	106		40-150	12		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	73	77.6	106		93.6	132		40-150	19		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	18.7	12.1	65		16.7	92		40-150	**32**	Q	30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	72.2	52.3	72		69.5	99		40-150	28		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	73	46.6	64		62.2	88		40-150	29		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	19.3	15.0	78		15.0	80		40-150	0		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	19.3	14.3	74		15.5	83		40-150	8		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	193	176	91		158	84		40-150	11		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	193	163	84		159	85		40-150	2		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	38.6	36.4	94		39.7	106		40-150	9		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	38.6	34.9	90		36.9	99		40-150	6		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	34.4	25.1	73		30.3	91		40-150	19		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	38.6	21.0	54		24.1	64		40-150	14		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	96.6	85.8	89		99.4	106		40-150	15		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	483	304	63		381	82		40-150	22		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	483	236	49		312	67		40-150	28		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417628
Report Date: 04/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1907828-4 WG1907828-5 QC Sample: L2417628-01 Client ID: MW-1

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88		105		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**199**	Q	**203**	Q	20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	107		108		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	55		67		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	68		94		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	56		69		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	48		62		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	67		85		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	58		75		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86		85		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	52		62		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		78		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96		92		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		76		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75		80		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94		89		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	83		87		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64		72		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	52		58		20-150
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	89		85		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	76		78		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84		86		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94		93		20-150

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1907828-4 WG1907828-5 QC Sample: L2417628-01 Client ID: MW-1												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	72		70		20-150

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-01
Client ID: MW-1
Sample Location: Not Specified

Date Collected: 04/01/24 10:50
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/12/24 20:52
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 04/12/24 01:03
Cleanup Method: EPA 3665A
Cleanup Date: 04/12/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/12/24

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: 1681-1689 MAIN STREET
Lab Number: L2417628
Project Number: 4461.0001B002
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-02
Client ID: MW-2
Sample Location: Not Specified

Date Collected: 04/01/24 13:50
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/05/24 12:07
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 04/04/24 14:29
Cleanup Method: EPA 3665A
Cleanup Date: 04/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/05/24

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	114		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-03
Client ID: MW-3
Sample Location: Not Specified

Date Collected: 04/01/24 15:00
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/05/24 12:16
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 04/04/24 14:29
Cleanup Method: EPA 3665A
Cleanup Date: 04/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/05/24

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	105		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-04
Client ID: MW-4
Sample Location: Not Specified

Date Collected: 04/01/24 12:40
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/05/24 12:24
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 04/04/24 14:29
Cleanup Method: EPA 3665A
Cleanup Date: 04/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/05/24

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-05
Client ID: BLIND DUP
Sample Location: Not Specified

Date Collected: 04/01/24 08:00
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/12/24 21:01
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 04/12/24 01:03
Cleanup Method: EPA 3665A
Cleanup Date: 04/12/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/12/24

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417628
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 04/05/24 07:23
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 04/04/24 14:28
Cleanup Method: EPA 3665A
Cleanup Date: 04/05/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02-04 Batch: WG1904864-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	B
PCBs, Total	ND		ug/l	0.071	0.061	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	146		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 04/12/24 20:26
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 04/12/24 01:03
Cleanup Method: EPA 3665A
Cleanup Date: 04/12/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/12/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,05 Batch: WG1907767-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	101		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	87		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02-04 Batch: WG1904864-2 WG1904864-3									
Aroclor 1016	87		85		40-140	3		50	A
Aroclor 1260	80		83		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		77		30-150	A
Decachlorobiphenyl	94		94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		78		30-150	B
Decachlorobiphenyl	85		88		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,05 Batch: WG1907767-2 WG1907767-3									
Aroclor 1016	88		84		40-140	5		50	A
Aroclor 1260	81		80		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		78		30-150	A
Decachlorobiphenyl	94		91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		77		30-150	B
Decachlorobiphenyl	82		87		30-150	B

PESTICIDES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-01
Client ID: MW-1
Sample Location: Not Specified

Date Collected: 04/01/24 10:50
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/06/24 10:12
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 16:37

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-01 Date Collected: 04/01/24 10:50

Client ID: MW-1 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: 1681-1689 MAIN STREET
Lab Number: L2417628
Project Number: 4461.0001B002
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-01
Client ID: MW-1
Sample Location: Not Specified

Date Collected: 04/01/24 10:50
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 04/04/24 11:51
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 04/03/24 12:06

Methylation Date: 04/04/24 05:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	83		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-02
Client ID: MW-2
Sample Location: Not Specified

Date Collected: 04/01/24 13:50
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/06/24 16:00
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 19:01

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-02 Date Collected: 04/01/24 13:50

Client ID: MW-2 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 1681-1689 MAIN STREET
Lab Number: L2417628
Project Number: 4461.0001B002
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-02
Client ID: MW-2
Sample Location: Not Specified

Date Collected: 04/01/24 13:50
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 04/04/24 10:19
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 04/03/24 12:06

Methylation Date: 04/04/24 05:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	82		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-03
Client ID: MW-3
Sample Location: Not Specified

Date Collected: 04/01/24 15:00
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/06/24 16:11
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 19:01

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-03 Date Collected: 04/01/24 15:00

Client ID: MW-3 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: 1681-1689 MAIN STREET
Lab Number: L2417628
Project Number: 4461.0001B002
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-03
Client ID: MW-3
Sample Location: Not Specified

Date Collected: 04/01/24 15:00
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 04/04/24 10:38
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 04/03/24 12:06

Methylation Date: 04/04/24 05:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	89		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-04
Client ID: MW-4
Sample Location: Not Specified

Date Collected: 04/01/24 12:40
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/06/24 16:22
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 19:01

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-04 Date Collected: 04/01/24 12:40

Client ID: MW-4 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: 1681-1689 MAIN STREET
Lab Number: L2417628
Project Number: 4461.0001B002
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-04
Client ID: MW-4
Sample Location: Not Specified

Date Collected: 04/01/24 12:40
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 04/04/24 10:56
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 04/03/24 12:06

Methylation Date: 04/04/24 05:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	83		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-05
Client ID: BLIND DUP
Sample Location: Not Specified

Date Collected: 04/01/24 08:00
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/06/24 10:23
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 16:37

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-05 Date Collected: 04/01/24 08:00

Client ID: BLIND DUP Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: 1681-1689 MAIN STREET
Lab Number: L2417628
Project Number: 4461.0001B002
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-05
Client ID: BLIND DUP
Sample Location: Not Specified

Date Collected: 04/01/24 08:00
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 04/04/24 11:33
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 04/03/24 12:06

Methylation Date: 04/04/24 05:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	84		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 04/04/24 08:47
Analyst: AKM

Extraction Method: EPA 8151A
Extraction Date: 04/03/24 12:06

Methylation Date: 04/04/24 05:11

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1904324-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	85		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/05/24 09:57
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 04/04/24 19:38

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,05 Batch: WG1904971-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/05/24 09:57
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 04/04/24 19:38

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,05 Batch: WG1904971-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/06/24 15:27
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 19:01

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-04 Batch: WG1905390-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/06/24 15:27
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 04/05/24 19:01

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-04 Batch: WG1905390-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	89		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1904324-2 WG1904324-3									
2,4-D	96		102		30-150	6		25	A
2,4,5-T	101		106		30-150	5		25	A
2,4,5-TP (Silvex)	105		110		30-150	5		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	84		87		30-150	A
DCAA	107		102		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,05 Batch: WG1904971-2 WG1904971-3									
Delta-BHC	59		59		30-150	1		20	A
Lindane	69		73		30-150	5		20	A
Alpha-BHC	66		70		30-150	7		20	A
Beta-BHC	76		78		30-150	3		20	A
Heptachlor	88		93		30-150	6		20	A
Aldrin	68		73		30-150	7		20	A
Heptachlor epoxide	80		84		30-150	5		20	A
Endrin	77		81		30-150	5		20	A
Endrin aldehyde	62		66		30-150	6		20	A
Endrin ketone	82		85		30-150	4		20	A
Dieldrin	75		79		30-150	5		20	A
4,4'-DDE	64		68		30-150	6		20	A
4,4'-DDD	77		81		30-150	5		20	A
4,4'-DDT	88		92		30-150	5		20	A
Endosulfan I	77		82		30-150	5		20	A
Endosulfan II	78		82		30-150	4		20	A
Endosulfan sulfate	82		84		30-150	2		20	A
Methoxychlor	113		118		30-150	4		20	A
cis-Chlordane	68		73		30-150	7		20	A
trans-Chlordane	76		80		30-150	5		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,05 Batch: WG1904971-2 WG1904971-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		61		30-150	A
Decachlorobiphenyl	39		54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		75		30-150	B
Decachlorobiphenyl	81		85		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-04 Batch: WG1905390-2 WG1905390-3									
Delta-BHC	63		64		30-150	2		20	A
Lindane	73		73		30-150	0		20	A
Alpha-BHC	73		73		30-150	0		20	A
Beta-BHC	80		83		30-150	4		20	A
Heptachlor	95		95		30-150	0		20	A
Aldrin	75		74		30-150	2		20	A
Heptachlor epoxide	86		86		30-150	1		20	A
Endrin	82		84		30-150	2		20	A
Endrin aldehyde	69		70		30-150	2		20	A
Endrin ketone	91		94		30-150	3		20	A
Dieldrin	81		81		30-150	0		20	A
4,4'-DDE	71		71		30-150	0		20	A
4,4'-DDD	89		90		30-150	1		20	A
4,4'-DDT	97		99		30-150	2		20	A
Endosulfan I	82		82		30-150	0		20	A
Endosulfan II	85		87		30-150	2		20	A
Endosulfan sulfate	90		92		30-150	2		20	A
Methoxychlor	122		128		30-150	5		20	A
cis-Chlordane	74		73		30-150	1		20	A
trans-Chlordane	81		81		30-150	0		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-04 Batch: WG1905390-2 WG1905390-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		64		30-150	A
Decachlorobiphenyl	87		90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		77		30-150	B
Decachlorobiphenyl	90		93		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET
Lab Number: L2417628
Project Number: 4461.0001B002
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-01
Client ID: MW-1
Sample Location: Not Specified
Date Collected: 04/01/24 10:50
Date Received: 04/01/24
Field Prep: None

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00327	J	mg/l	0.0100	0.00327	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00184		mg/l	0.00050	0.00016	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.1222		mg/l	0.00050	0.00017	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	161.		mg/l	0.100	0.0394	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00056		mg/l	0.00050	0.00016	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Copper, Dissolved	0.00066	J	mg/l	0.00100	0.00038	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.0242	J	mg/l	0.0500	0.0191	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	04/03/24 13:52	04/04/24 09:50	EPA 3005A	1,6020B	EJF
Magnesium, Dissolved	36.6		mg/l	0.0700	0.0242	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.1051		mg/l	0.00100	0.00044	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/03/24 13:30	04/03/24 21:37	EPA 7470A	1,7470A	DJR
Nickel, Dissolved	0.00112	J	mg/l	0.00200	0.00055	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	8.19		mg/l	0.100	0.0309	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	18.9		mg/l	0.100	0.0293	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	0.00602	J	mg/l	0.01000	0.00341	1	04/03/24 13:52	04/03/24 19:39	EPA 3005A	1,6020B	NTB

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-02 Date Collected: 04/01/24 13:50

Client ID: MW-2 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	0.00076	J	mg/l	0.00400	0.00042	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00144		mg/l	0.00050	0.00016	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.07004		mg/l	0.00050	0.00017	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	49.9		mg/l	0.100	0.0394	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00016	J	mg/l	0.00050	0.00016	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Copper, Dissolved	0.00087	J	mg/l	0.00100	0.00038	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	04/03/24 13:52	04/04/24 09:55	EPA 3005A	1,6020B	EJF
Magnesium, Dissolved	73.5		mg/l	0.0700	0.0242	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.04695		mg/l	0.00100	0.00044	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/03/24 13:30	04/06/24 15:28	EPA 7470A	1,7470A	DJR
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	5.40		mg/l	0.100	0.0309	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	52.6		mg/l	0.100	0.0293	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	04/03/24 13:52	04/03/24 20:16	EPA 3005A	1,6020B	NTB

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2417628
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-03
Client ID: MW-3
Sample Location: Not Specified
Sample Depth:
Matrix: Water

Date Collected: 04/01/24 15:00
Date Received: 04/01/24
Field Prep: None

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00700	J	mg/l	0.0100	0.00327	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	0.00114	J	mg/l	0.00400	0.00042	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00563		mg/l	0.00050	0.00016	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.1758		mg/l	0.00050	0.00017	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	39.3		mg/l	0.100	0.0394	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	0.00020	J	mg/l	0.00100	0.00017	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00100		mg/l	0.00050	0.00016	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Copper, Dissolved	0.00062	J	mg/l	0.00100	0.00038	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.218		mg/l	0.0500	0.0191	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	04/03/24 13:52	04/04/24 09:59	EPA 3005A	1,6020B	EJF
Magnesium, Dissolved	62.1		mg/l	0.0700	0.0242	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.1408		mg/l	0.00100	0.00044	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/03/24 13:30	04/06/24 15:32	EPA 7470A	1,7470A	DJR
Nickel, Dissolved	0.00171	J	mg/l	0.00200	0.00055	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	5.56		mg/l	0.100	0.0309	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	24.5		mg/l	0.100	0.0293	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	0.00538	J	mg/l	0.01000	0.00341	1	04/03/24 13:52	04/03/24 20:21	EPA 3005A	1,6020B	NTB

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-04 Date Collected: 04/01/24 12:40

Client ID: MW-4 Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00387	J	mg/l	0.0100	0.00327	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00326		mg/l	0.00050	0.00016	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.05951		mg/l	0.00050	0.00017	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	35.0		mg/l	0.100	0.0394	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Copper, Dissolved	0.00042	J	mg/l	0.00100	0.00038	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	04/03/24 13:52	04/04/24 10:04	EPA 3005A	1,6020B	EJF
Magnesium, Dissolved	30.3		mg/l	0.0700	0.0242	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.02002		mg/l	0.00100	0.00044	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/03/24 13:30	04/06/24 15:35	EPA 7470A	1,7470A	DJR
Nickel, Dissolved	0.00090	J	mg/l	0.00200	0.00055	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	2.13		mg/l	0.100	0.0309	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	62.2		mg/l	0.100	0.0293	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	04/03/24 13:52	04/03/24 20:25	EPA 3005A	1,6020B	NTB

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2417628-05 Date Collected: 04/01/24 08:00

Client ID: BLIND DUP Date Received: 04/01/24

Sample Location: Not Specified Field Prep: None

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Arsenic, Dissolved	0.00408		mg/l	0.00050	0.00016	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Barium, Dissolved	0.06304		mg/l	0.00050	0.00017	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Calcium, Dissolved	40.6		mg/l	0.100	0.0394	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Iron, Dissolved	0.0965		mg/l	0.0500	0.0191	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Magnesium, Dissolved	27.7		mg/l	0.0700	0.0242	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Manganese, Dissolved	0.02467		mg/l	0.00100	0.00044	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/11/24 12:30	04/13/24 15:20	EPA 7470A	1,7470A	DJR
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Potassium, Dissolved	2.43		mg/l	0.100	0.0309	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Sodium, Dissolved	54.6		mg/l	0.100	0.0293	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	04/10/24 10:30	04/14/24 15:12	EPA 3005A	1,6020B	WKP

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1904124-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	04/03/24 13:52	04/04/24 08:48	1,6020B	EJF
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Sodium, Dissolved	0.0689	J	mg/l	0.100	0.0293	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	04/03/24 13:52	04/03/24 19:53	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1904125-1										
Mercury, Dissolved	0.00026		mg/l	0.00020	0.00009	1	04/03/24 13:30	04/03/24 21:20	1,7470A	DJR

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 05 Batch: WG1906880-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	04/10/24 10:30	04/14/24 14:39	1,6020B	WKP

Prep Information

Digestion Method: EPA 3005A

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2417628

Project Number: 4461.0001B002 **Report Date:** 04/15/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 05 Batch: WG1907523-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/11/24 12:30	04/13/24 15:13	1,7470A	DJR

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1904124-2								
Aluminum, Dissolved	95		-		80-120	-		
Antimony, Dissolved	93		-		80-120	-		
Arsenic, Dissolved	92		-		80-120	-		
Barium, Dissolved	92		-		80-120	-		
Beryllium, Dissolved	93		-		80-120	-		
Cadmium, Dissolved	91		-		80-120	-		
Calcium, Dissolved	91		-		80-120	-		
Chromium, Dissolved	91		-		80-120	-		
Cobalt, Dissolved	90		-		80-120	-		
Copper, Dissolved	89		-		80-120	-		
Iron, Dissolved	101		-		80-120	-		
Lead, Dissolved	98		-		80-120	-		
Magnesium, Dissolved	95		-		80-120	-		
Manganese, Dissolved	95		-		80-120	-		
Nickel, Dissolved	91		-		80-120	-		
Potassium, Dissolved	101		-		80-120	-		
Selenium, Dissolved	98		-		80-120	-		
Silver, Dissolved	91		-		80-120	-		
Sodium, Dissolved	100		-		80-120	-		
Thallium, Dissolved	101		-		80-120	-		
Vanadium, Dissolved	92		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1904124-2					
Zinc, Dissolved	93	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1904125-2					
Mercury, Dissolved	117	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1906880-2					
Aluminum, Dissolved	96	-	80-120	-	
Antimony, Dissolved	94	-	80-120	-	
Arsenic, Dissolved	96	-	80-120	-	
Barium, Dissolved	94	-	80-120	-	
Beryllium, Dissolved	96	-	80-120	-	
Cadmium, Dissolved	95	-	80-120	-	
Calcium, Dissolved	92	-	80-120	-	
Chromium, Dissolved	101	-	80-120	-	
Cobalt, Dissolved	101	-	80-120	-	
Copper, Dissolved	99	-	80-120	-	
Iron, Dissolved	109	-	80-120	-	
Lead, Dissolved	96	-	80-120	-	
Magnesium, Dissolved	102	-	80-120	-	
Manganese, Dissolved	107	-	80-120	-	
Nickel, Dissolved	101	-	80-120	-	
Potassium, Dissolved	108	-	80-120	-	
Selenium, Dissolved	102	-	80-120	-	
Silver, Dissolved	99	-	80-120	-	
Sodium, Dissolved	100	-	80-120	-	
Thallium, Dissolved	94	-	80-120	-	
Vanadium, Dissolved	98	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1906880-2					
Zinc, Dissolved	98	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1907523-2					
Mercury, Dissolved	107	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417628
Report Date: 04/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1904124-3 QC Sample: L2417832-01 Client ID: MS Sample												
Aluminum, Dissolved	ND	2	1.83	92		-	-		75-125	-		20
Antimony, Dissolved	ND	0.5	0.4630	93		-	-		75-125	-		20
Arsenic, Dissolved	0.00058	0.12	0.1097	91		-	-		75-125	-		20
Barium, Dissolved	0.07275	2	1.874	90		-	-		75-125	-		20
Beryllium, Dissolved	ND	0.05	0.04533	91		-	-		75-125	-		20
Cadmium, Dissolved	ND	0.053	0.04714	89		-	-		75-125	-		20
Calcium, Dissolved	243.	10	259	**160**	Q	-	-		75-125	-		20
Chromium, Dissolved	ND	0.2	0.1770	88		-	-		75-125	-		20
Cobalt, Dissolved	0.00036J	0.5	0.4354	87		-	-		75-125	-		20
Copper, Dissolved	ND	0.25	0.2256	90		-	-		75-125	-		20
Iron, Dissolved	1.68	1	2.63	95		-	-		75-125	-		20
Lead, Dissolved	ND	0.53	0.5343	101		-	-		75-125	-		20
Magnesium, Dissolved	53.6	10	52.1	**0**	Q	-	-		75-125	-		20
Manganese, Dissolved	10.69	0.5	11.35	**132**	Q	-	-		75-125	-		20
Nickel, Dissolved	0.00078J	0.5	0.4421	88		-	-		75-125	-		20
Potassium, Dissolved	40.6	10	48.7	81		-	-		75-125	-		20
Selenium, Dissolved	ND	0.12	0.113	94		-	-		75-125	-		20
Silver, Dissolved	ND	0.05	0.04346	87		-	-		75-125	-		20
Sodium, Dissolved	597.	10	610	**130**	Q	-	-		75-125	-		20
Thallium, Dissolved	ND	0.12	0.08648	**72**	Q	-	-		75-125	-		20
Vanadium, Dissolved	ND	0.5	0.4434	89		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417628
Report Date: 04/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1904124-3 QC Sample: L2417832-01 Client ID: MS Sample									
Zinc, Dissolved	ND	0.5	0.4495	90	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1904125-3 QC Sample: L2417832-01 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00551	110	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417628
Report Date: 04/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1906880-3 WG1906880-4 QC Sample: L2417074-02 Client ID: MS Sample										
Aluminum, Dissolved	ND	2	1.93	96	1.99	100		75-125	3	20
Antimony, Dissolved	ND	0.5	0.4695	94	0.4817	96		75-125	3	20
Arsenic, Dissolved	ND	0.12	0.1100	92	0.1194	100		75-125	8	20
Barium, Dissolved	0.01680	2	1.934	96	1.914	95		75-125	1	20
Beryllium, Dissolved	ND	0.05	0.04761	95	0.04836	97		75-125	2	20
Cadmium, Dissolved	ND	0.053	0.05029	95	0.05114	96		75-125	2	20
Calcium, Dissolved	31.3	10	41.7	104	37.1	**58**	Q	75-125	12	20
Chromium, Dissolved	0.00032J	0.2	0.2052	103	0.2112	106		75-125	3	20
Cobalt, Dissolved	0.00070	0.5	0.4757	95	0.4947	99		75-125	4	20
Copper, Dissolved	ND	0.25	0.2410	96	0.2526	101		75-125	5	20
Iron, Dissolved	0.0623	1	1.15	109	1.13	107		75-125	2	20
Lead, Dissolved	ND	0.53	0.4950	93	0.4996	94		75-125	1	20
Magnesium, Dissolved	6.81	10	16.8	100	17.1	103		75-125	2	20
Manganese, Dissolved	5.872	0.5	6.301	86	6.364	98		75-125	1	20
Nickel, Dissolved	ND	0.5	0.5086	102	0.5107	102		75-125	0	20
Potassium, Dissolved	3.29	10	14.2	109	14.2	109		75-125	0	20
Selenium, Dissolved	ND	0.12	0.100	83	0.111	92		75-125	10	20
Silver, Dissolved	ND	0.05	0.04840	97	0.04936	99		75-125	2	20
Sodium, Dissolved	13.0	10	22.3	93	22.5	95		75-125	1	20
Thallium, Dissolved	0.00019J	0.12	0.1078	90	0.1128	94		75-125	5	20
Vanadium, Dissolved	ND	0.5	0.4926	98	0.5164	103		75-125	5	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417628
Report Date: 04/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1906880-3 WG1906880-4 QC Sample: L2417074-02 Client ID: MS Sample									
Zinc, Dissolved	ND	0.5	0.4866	97	0.5018	100	75-125	3	20
Dissolved Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1907523-3 QC Sample: L2417628-05 Client ID: BLIND DUP									
Mercury, Dissolved	ND	0.005	0.00533	107	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417628
Report Date: 04/15/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1904124-4 QC Sample: L2417832-01 Client ID: DUP Sample						
Aluminum, Dissolved	ND	0.00332J	mg/l	NC		20
Antimony, Dissolved	ND	ND	mg/l	NC		20
Arsenic, Dissolved	0.00058	0.00052	mg/l	10		20
Barium, Dissolved	0.07275	0.06720	mg/l	8		20
Beryllium, Dissolved	ND	ND	mg/l	NC		20
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Calcium, Dissolved	243.	238	mg/l	2		20
Chromium, Dissolved	ND	ND	mg/l	NC		20
Cobalt, Dissolved	0.00036J	0.00033J	mg/l	NC		20
Copper, Dissolved	ND	ND	mg/l	NC		20
Iron, Dissolved	1.68	1.59	mg/l	6		20
Magnesium, Dissolved	53.6	53.0	mg/l	1		20
Nickel, Dissolved	0.00078J	0.00092J	mg/l	NC		20
Potassium, Dissolved	40.6	38.3	mg/l	6		20
Selenium, Dissolved	ND	ND	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Thallium, Dissolved	ND	ND	mg/l	NC		20
Vanadium, Dissolved	ND	ND	mg/l	NC		20
Zinc, Dissolved	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2417628

Report Date: 04/15/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1904124-4 QC Sample: L2417832-01 Client ID: DUP Sample					
Manganese, Dissolved	10.69	10.72	mg/l	0	20
Sodium, Dissolved	597.	599	mg/l	0	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1904124-4 QC Sample: L2417832-01 Client ID: DUP Sample					
Lead, Dissolved	ND	ND	mg/l	NC	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1904125-4 QC Sample: L2417832-01 Client ID: DUP Sample					
Mercury, Dissolved	ND	ND	mg/l	NC	20
Dissolved Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1907523-4 QC Sample: L2417628-05 Client ID: BLIND DUP					
Mercury, Dissolved	ND	ND	mg/l	NC	20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2417628
Report Date: 04/15/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1904124-6 QC Sample: L2417832-01 Client ID: DUP Sample						
Barium, Dissolved	0.07275	0.07284	mg/l	0		20
Calcium, Dissolved	243.	267.	mg/l	10		20
Iron, Dissolved	1.68	1.85	mg/l	10		20
Magnesium, Dissolved	53.6	45.6	mg/l	15		20
Potassium, Dissolved	40.6	42.2	mg/l	4		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1904124-6 QC Sample: L2417832-01 Client ID: DUP Sample						
Manganese, Dissolved	10.69	10.83	mg/l	1		20
Sodium, Dissolved	597.	583.	mg/l	2		20
Dissolved Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1906880-6 QC Sample: L2417074-02 Client ID: DUP Sample						
Barium, Dissolved	0.01680	0.01646	mg/l	2		20
Calcium, Dissolved	31.3	32.4	mg/l	4		20
Magnesium, Dissolved	6.81	6.16	mg/l	10		20
Manganese, Dissolved	5.872	5.836	mg/l	1		20
Potassium, Dissolved	3.29	2.89	mg/l	12		20
Sodium, Dissolved	13.0	11.9	mg/l	8		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417628
Report Date: 04/15/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2417628-01A	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2417628-01B	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2417628-01C	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2417628-01D	Amber 120ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2417628-01E	Amber 120ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2417628-01F	Amber 120ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2417628-01G	Amber 120ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2417628-01H	Plastic 250ml HNO3 preserved	B	<2	<2	4.4	Y	Absent		ARCHIVE()
L2417628-01I	Amber 250ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2417628-01J	Amber 250ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2417628-01K	Plastic 500ml unpreserved	B	NA		4.4	Y	Absent		A2-1633-DRAFT(28)
L2417628-01L	Plastic 500ml unpreserved	B	NA		4.4	Y	Absent		A2-1633-DRAFT(28)
L2417628-01M	Plastic 500ml unpreserved	B	NA		4.4	Y	Absent		A2-1633-DRAFT(28)
L2417628-01N	Amber 1000ml unpreserved	B	7	7	4.4	Y	Absent		HERB-APA(7)
L2417628-01O	Amber 1000ml unpreserved	B	7	7	4.4	Y	Absent		HERB-APA(7)
L2417628-01P	Plastic 250ml unpreserved split	B	7	7	4.4	Y	Absent		-
L2417628-01X	Plastic 120ml HNO3 preserved Filtrates	B	<2	<2	4.4	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),ZN-6020S(180),MG-6020S(180),BE-6020S(180),CO-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),NI-6020S(180),PB-6020S(180),NA-6020S(180),TL-6020S(180),BA-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417628
Report Date: 04/15/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2417628-02A	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2417628-02B	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2417628-02C	Vial HCl preserved	B	NA		4.4	Y	Absent		NYTCL-8260-R2(14)
L2417628-02D	Amber 120ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2417628-02E	Amber 120ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2417628-02F	Amber 120ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2417628-02G	Amber 120ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2417628-02H	Plastic 250ml HNO3 preserved	B	<2	<2	4.4	Y	Absent		ARCHIVE()
L2417628-02I	Amber 250ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2417628-02J	Amber 250ml unpreserved	B	7	7	4.4	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2417628-02K	Plastic 500ml unpreserved	B	NA		4.4	Y	Absent		A2-1633-DRAFT(28)
L2417628-02L	Plastic 500ml unpreserved	B	NA		4.4	Y	Absent		A2-1633-DRAFT(28)
L2417628-02M	Plastic 500ml unpreserved	B	NA		4.4	Y	Absent		A2-1633-DRAFT(28)
L2417628-02N	Amber 1000ml unpreserved	B	7	7	4.4	Y	Absent		HERB-APA(7)
L2417628-02O	Amber 1000ml unpreserved	B	7	7	4.4	Y	Absent		HERB-APA(7)
L2417628-02P	Plastic 250ml unpreserved split	B	7	7	4.4	Y	Absent		-
L2417628-02X	Plastic 120ml HNO3 preserved Filtrates	B	NA		4.4	Y	Absent		SE-6020S(180),K-6020S(180),CU-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),ZN-6020S(180),MG-6020S(180),CO-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),NA-6020S(180),NI-6020S(180),BA-6020S(180),PB-6020S(180),TL-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2417628-03A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2417628-03B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2417628-03C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2417628-03D	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2417628-03E	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2417628-03F	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2417628-03G	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2417628-03H	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		ARCHIVE()
L2417628-03I	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2417628-03J	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2417628-03K	Plastic 500ml unpreserved	B	NA		4.4	Y	Absent		A2-1633-DRAFT(28)
L2417628-03L	Plastic 500ml unpreserved	B	NA		4.4	Y	Absent		A2-1633-DRAFT(28)
L2417628-03M	Plastic 500ml unpreserved	B	NA		4.4	Y	Absent		A2-1633-DRAFT(28)
L2417628-03N	Amber 1000ml unpreserved	A	7	7	2.8	Y	Absent		HERB-APA(7)
L2417628-03O	Amber 1000ml unpreserved	A	7	7	2.8	Y	Absent		HERB-APA(7)
L2417628-03P	Plastic 250ml unpreserved split	B	7	7	4.4	Y	Absent		-
L2417628-03X	Plastic 120ml HNO3 preserved Filtrates	B	NA		4.4	Y	Absent		V-6020S(180),K-6020S(180),CU-6020S(180),SE-6020S(180),MN-6020S(180),BE-6020S(180),ZN-6020S(180),CO-6020S(180),MG-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),TL-6020S(180),NI-6020S(180),PB-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L2417628-04A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2417628-04B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2417628-04C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2417628-04D	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2417628-04E	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2417628-04F	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2417628-04G	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2417628-04H	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		ARCHIVE()
L2417628-04I	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2417628-04J	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2417628-04K	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-1633-DRAFT(28)
L2417628-04L	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-1633-DRAFT(28)
L2417628-04M	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-1633-DRAFT(28)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2417628-04N	Amber 1000ml unpreserved	A	7	7	2.8	Y	Absent		HERB-APA(7)
L2417628-04O	Amber 1000ml unpreserved	A	7	7	2.8	Y	Absent		HERB-APA(7)
L2417628-04P	Plastic 250ml unpreserved split	A	7	7	2.8	Y	Absent		-
L2417628-04X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.8	Y	Absent		K-6020S(180),CU-6020S(180),V-6020S(180),SE-6020S(180),MN-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),BE-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),NA-6020S(180),BA-6020S(180),NI-6020S(180),TL-6020S(180),PB-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2417628-05A	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2417628-05B	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2417628-05C	Vial HCl preserved	A	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2417628-05D	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2417628-05E	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2417628-05F	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2417628-05G	Amber 120ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2417628-05H	Plastic 250ml HNO3 preserved	A	<2	<2	2.8	Y	Absent		SE-6020S(180),V-6020S(180),CU-6020S(180),K-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),ZN-6020S(180),MG-6020S(180),FE-6020S(180),CR-6020S(180),CA-6020S(180),NI-6020S(180),BA-6020S(180),TL-6020S(180),NA-6020S(180),PB-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2417628-05I	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2417628-05J	Amber 250ml unpreserved	A	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2417628-05K	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-1633-DRAFT(28)
L2417628-05L	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-1633-DRAFT(28)
L2417628-05M	Plastic 500ml unpreserved	A	NA		2.8	Y	Absent		A2-1633-DRAFT(28)
L2417628-05N	Amber 1000ml unpreserved	A	7	7	2.8	Y	Absent		HERB-APA(7)
L2417628-05O	Amber 1000ml unpreserved	A	7	7	2.8	Y	Absent		HERB-APA(7)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417628
Report Date: 04/15/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417628
Report Date: 04/15/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417628
Report Date: 04/15/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2417628
Project Number:	4461.0001B002	**Report Date:**	04/15/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2417628
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Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2417628
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REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 4/2/24

ALPHA Job #: L2417628

Client Information
Client: Rock
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: amunley@rockinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location:
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	8260+ TICs	8270+ TICs	Dissolved metals + Hg	8081	8082	Herb - APA	1633	Total Bottle	Sample Specific Comments
17628-01	MW-1	4-1-24	1050	water	SEH	X	X	X	X	X	X	X		
-02	MW-2		1350			X	X	X	X	X	X	X		
-03	MW-3		1500			X	X	X	X	X	X	X		
-04	MW-4		1240			X	X	X	X	X	X	X		
-05	Blind Dup		0800			X	X	X	X	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Charles Hockett	4-1-24 1700	AAL	4/1/24 1700
AAL	4/1/24 1700		4/2/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2418621
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	04/19/24

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

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

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2418621
Report Date: 04/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2418621-01	MW-5	WATER	BUFFALO, NY	04/04/24 12:35	04/05/24
L2418621-02	MW-6	WATER	BUFFALO, NY	04/04/24 10:40	04/05/24
L2418621-03	MW-7	WATER	BUFFALO, NY	04/04/24 14:00	04/05/24
L2418621-04	FIELD BLANK	WATER	BUFFALO, NY	04/04/24 15:00	04/05/24
L2418621-05	EQUIPMENT BLANK	WATER	BUFFALO, NY	04/04/24 15:15	04/05/24
L2418621-06	TRIP BLANK	WATER	BUFFALO, NY	04/04/24 00:00	04/05/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2418621
Project Number:	4461.0001B002	**Report Date:**	04/19/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2418621
Project Number:	4461.0001B002	**Report Date:**	04/19/24

Case Narrative (continued)

Report Submission

April 19, 2024: This final report includes the results of all requested analyses.

April 16, 2024: This is a preliminary report.

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

Sample Receipt

L2418621-06: A sample identified as "TRIP BLANK" was received, but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

Volatile Organics

L2418621-01: The sample was received in the proper acid-preserved containers; however, upon analysis, the pH was determined to be greater than 2, and thus the method required holding time was exceeded.

The WG1909118-6/-7 MS/MSD recoveries, performed on L2418621-02, are outside the acceptance criteria for trichloroethene (0%/0%).The unacceptable percent recoveries are attributed to the elevated concentration of the target compound present in the native sample.

Perfluorinated Alkyl Acids by 1633

L2418621-02, -03, and WG1909404-4/-5: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1909404-4/-4 MS/MSD recoveries, performed on L2418621-02, are outside the acceptance criteria for perfluoroheptanesulfonic acid (pfhps) (MSD 155%), 1h,1h,2h,2h-perfluorodecanesulfonic acid (8:2fts) (MSD 171%), perfluoroundecanoic acid (pfuna) (164%/178%), n-methyl perfluorooctane sulfonamide (nmefosa) (158%/157%) and n-ethyl perfluorooctane sulfonamide (netfosa) (MS 151%).

Dissolved Metals

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2418621
Project Number:	4461.0001B002	**Report Date:**	04/19/24

Case Narrative (continued)

The WG1905987-2 LCS recovery, associated with L2418621-01 through -03, is above the acceptance criteria for mercury (203%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

The WG1905986-7/-8 MS/MSD recoveries for calcium (170%/220%), magnesium (20%/60%), and sodium (350%/400%) performed on L2418621-02, do not apply because the sample concentrations are greater than four times the spike amount added.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 04/19/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-01
Client ID: MW-5
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 12:35
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/15/24 10:53
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	0.20	J	ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.29	J	ug/l	0.50	0.16	1
Toluene	0.71	J	ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	7.2		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-01 Date Collected: 04/04/24 12:35

Client ID: MW-5 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	0.65	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	1.1	J	ug/l	10	0.40	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-01 Date Collected: 04/04/24 12:35

Client ID: MW-5 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	4.89	J	ug/l			1
Unknown	2.65	J	ug/l			1
Unknown	1.08	J	ug/l			1
Unknown	1.16	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	107		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-02 D
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 10:40
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/15/24 11:41
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	100	28.	40
1,1-Dichloroethane	ND		ug/l	100	28.	40
Chloroform	ND		ug/l	100	28.	40
Carbon tetrachloride	ND		ug/l	20	5.4	40
1,2-Dichloropropane	ND		ug/l	40	5.5	40
Dibromochloromethane	ND		ug/l	20	6.0	40
1,1,2-Trichloroethane	ND		ug/l	60	20.	40
Tetrachloroethene	ND		ug/l	20	7.2	40
Chlorobenzene	ND		ug/l	100	28.	40
Trichlorofluoromethane	ND		ug/l	100	28.	40
1,2-Dichloroethane	ND		ug/l	20	5.3	40
1,1,1-Trichloroethane	ND		ug/l	100	28.	40
Bromodichloromethane	ND		ug/l	20	7.7	40
trans-1,3-Dichloropropene	ND		ug/l	20	6.6	40
cis-1,3-Dichloropropene	ND		ug/l	20	5.8	40
Bromoform	ND		ug/l	80	26.	40
1,1,2,2-Tetrachloroethane	ND		ug/l	20	6.7	40
Benzene	ND		ug/l	20	6.4	40
Toluene	ND		ug/l	100	28.	40
Ethylbenzene	ND		ug/l	100	28.	40
Chloromethane	ND		ug/l	100	28.	40
Bromomethane	ND		ug/l	100	28.	40
Vinyl chloride	79		ug/l	40	2.8	40
Chloroethane	ND		ug/l	100	28.	40
1,1-Dichloroethene	ND		ug/l	20	6.8	40
trans-1,2-Dichloroethene	49	J	ug/l	100	28.	40
Trichloroethene	3300		ug/l	20	7.0	40
1,2-Dichlorobenzene	ND		ug/l	100	28.	40

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-02 D
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 10:40
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	100	28.	40
1,4-Dichlorobenzene	ND		ug/l	100	28.	40
Methyl tert butyl ether	ND		ug/l	100	6.6	40
p/m-Xylene	ND		ug/l	100	28.	40
o-Xylene	ND		ug/l	100	28.	40
cis-1,2-Dichloroethene	1300		ug/l	100	28.	40
Styrene	ND		ug/l	100	28.	40
Dichlorodifluoromethane	ND		ug/l	200	40.	40
Acetone	ND		ug/l	200	58.	40
Carbon disulfide	ND		ug/l	200	40.	40
2-Butanone	ND		ug/l	200	78.	40
4-Methyl-2-pentanone	ND		ug/l	200	40.	40
2-Hexanone	ND		ug/l	200	40.	40
Bromochloromethane	ND		ug/l	100	28.	40
1,2-Dibromoethane	ND		ug/l	80	26.	40
n-Butylbenzene	ND		ug/l	100	28.	40
sec-Butylbenzene	ND		ug/l	100	28.	40
1,2-Dibromo-3-chloropropane	ND		ug/l	100	28.	40
Isopropylbenzene	ND		ug/l	100	28.	40
p-Isopropyltoluene	ND		ug/l	100	28.	40
n-Propylbenzene	ND		ug/l	100	28.	40
1,2,3-Trichlorobenzene	ND		ug/l	100	28.	40
1,2,4-Trichlorobenzene	ND		ug/l	100	28.	40
1,3,5-Trimethylbenzene	ND		ug/l	100	28.	40
1,2,4-Trimethylbenzene	ND		ug/l	100	28.	40
Methyl Acetate	ND		ug/l	80	9.4	40
Cyclohexane	ND		ug/l	400	11.	40
1,4-Dioxane	ND		ug/l	10000	2400	40
Freon-113	ND		ug/l	100	28.	40
Methyl cyclohexane	ND		ug/l	400	16.	40

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/l	40

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-02 D
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 10:40
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	104		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-03
Client ID: MW-7
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 14:00
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/15/24 11:17
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	1.6		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-03 Date Collected: 04/04/24 14:00

Client ID: MW-7 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	31		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds				
Total TIC Compounds	1.23	J	ug/l	1
Unknown	1.23	J	ug/l	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-03 Date Collected: 04/04/24 14:00

Client ID: MW-7 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-06
Client ID: TRIP BLANK
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 00:00
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 04/15/24 10:29
Analyst: RAW

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-06 Date Collected: 04/04/24 00:00

Client ID: TRIP BLANK Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/l	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-06 Date Collected: 04/04/24 00:00

Client ID: TRIP BLANK Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	108		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/15/24 10:04
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,06 Batch: WG1909118-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/15/24 10:04
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,06 Batch: WG1909118-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/15/24 10:04
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,06 Batch: WG1909118-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	113		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2418621
Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06 Batch: WG1909118-3 WG1909118-4								
Methylene chloride	97		95		70-130	2		20
1,1-Dichloroethane	110		99		70-130	11		20
Chloroform	91		92		70-130	1		20
Carbon tetrachloride	93		96		63-132	3		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	91		91		63-130	0		20
1,1,2-Trichloroethane	98		98		70-130	0		20
Tetrachloroethene	95		93		70-130	2		20
Chlorobenzene	93		92		75-130	1		20
Trichlorofluoromethane	100		96		62-150	4		20
1,2-Dichloroethane	93		95		70-130	2		20
1,1,1-Trichloroethane	93		91		67-130	2		20
Bromodichloromethane	92		95		67-130	3		20
trans-1,3-Dichloropropene	90		92		70-130	2		20
cis-1,3-Dichloropropene	94		93		70-130	1		20
Bromoform	87		87		54-136	0		20
1,1,2,2-Tetrachloroethane	94		96		67-130	2		20
Benzene	100		100		70-130	0		20
Toluene	96		94		70-130	2		20
Ethylbenzene	92		92		70-130	0		20
Chloromethane	100		100		64-130	0		20
Bromomethane	76		76		39-139	0		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06 Batch: WG1909118-3 WG1909118-4								
Chloroethane	100		110		55-138	10		20
1,1-Dichloroethene	88		93		61-145	6		20
trans-1,2-Dichloroethene	97		94		70-130	3		20
Trichloroethene	93		91		70-130	2		20
1,2-Dichlorobenzene	94		94		70-130	0		20
1,3-Dichlorobenzene	97		94		70-130	3		20
1,4-Dichlorobenzene	94		94		70-130	0		20
Methyl tert butyl ether	88		91		63-130	3		20
p/m-Xylene	100		105		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	93		97		70-130	4		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	84		84		36-147	0		20
Acetone	87		86		58-148	1		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	86		91		63-138	6		20
4-Methyl-2-pentanone	97		98		59-130	1		20
2-Hexanone	79		85		57-130	7		20
Bromochloromethane	100		99		70-130	1		20
1,2-Dibromoethane	96		97		70-130	1		20
n-Butylbenzene	92		90		53-136	2		20
sec-Butylbenzene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	83		84		41-144	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06 Batch: WG1909118-3 WG1909118-4								
Isopropylbenzene	100		96		70-130	4		20
p-Isopropyltoluene	94		90		70-130	4		20
n-Propylbenzene	93		90		69-130	3		20
1,2,3-Trichlorobenzene	85		86		70-130	1		20
1,2,4-Trichlorobenzene	89		87		70-130	2		20
1,3,5-Trimethylbenzene	100		97		64-130	3		20
1,2,4-Trimethylbenzene	98		95		70-130	3		20
Methyl Acetate	99		110		70-130	11		20
Cyclohexane	120		120		70-130	0		20
1,4-Dioxane	88		96		56-162	9		20
Freon-113	100		100		70-130	0		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		98		70-130
Toluene-d8	96		95		70-130
4-Bromofluorobenzene	88		87		70-130
Dibromofluoromethane	103		103		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06 QC Batch ID: WG1909118-6 WG1909118-7 QC Sample: L2418621-02 Client ID: MW-6												
Methylene chloride	ND	400	400	100		370	92		70-130	8		20
1,1-Dichloroethane	ND	400	450	113		420	105		70-130	7		20
Chloroform	ND	400	390	98		390	98		70-130	0		20
Carbon tetrachloride	ND	400	370	92		370	92		63-132	0		20
1,2-Dichloropropane	ND	400	420	105		420	105		70-130	0		20
Dibromochloromethane	ND	400	350	88		360	90		63-130	3		20
1,1,2-Trichloroethane	ND	400	390	98		370	92		70-130	5		20
Tetrachloroethene	ND	400	350	88		360	90		70-130	3		20
Chlorobenzene	ND	400	360	90		360	90		75-130	0		20
Trichlorofluoromethane	ND	400	380	95		390	98		62-150	3		20
1,2-Dichloroethane	ND	400	380	95		370	92		70-130	3		20
1,1,1-Trichloroethane	ND	400	370	92		350	88		67-130	6		20
Bromodichloromethane	ND	400	380	95		360	90		67-130	5		20
trans-1,3-Dichloropropene	ND	400	340	85		340	85		70-130	0		20
cis-1,3-Dichloropropene	ND	400	360	90		350	88		70-130	3		20
Bromoform	ND	400	320	80		320	80		54-136	0		20
1,1,2,2-Tetrachloroethane	ND	400	390	98		380	95		67-130	3		20
Benzene	ND	400	410	103		400	100		70-130	2		20
Toluene	ND	400	360	90		370	92		70-130	3		20
Ethylbenzene	ND	400	360	90		360	90		70-130	0		20
Chloromethane	ND	400	430	108		420	105		64-130	2		20
Bromomethane	ND	400	290	72		300	75		39-139	3		20
Vinyl chloride	79	400	530	113		520	110		55-140	2		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06 QC Batch ID: WG1909118-6 WG1909118-7 QC Sample: L2418621-02 Client ID: MW-6												
Chloroethane	ND	400	460	115		440	110		55-138	4		20
1,1-Dichloroethene	ND	400	390	98		380	95		61-145	3		20
trans-1,2-Dichloroethene	49J	400	430	108		450	113		70-130	5		20
Trichloroethene	3300	400	3200	**0**	Q	3300	**0**	Q	70-130	3		20
1,2-Dichlorobenzene	ND	400	360	90		360	90		70-130	0		20
1,3-Dichlorobenzene	ND	400	360	90		360	90		70-130	0		20
1,4-Dichlorobenzene	ND	400	360	90		360	90		70-130	0		20
Methyl tert butyl ether	ND	400	380	95		370	92		63-130	3		20
p/m-Xylene	ND	800	770	96		800	100		70-130	4		20
o-Xylene	ND	800	780	98		800	100		70-130	3		20
cis-1,2-Dichloroethene	1300	400	1600	75		1600	75		70-130	0		20
Styrene	ND	800	790	99		790	99		70-130	0		20
Dichlorodifluoromethane	ND	400	340	85		330	82		36-147	3		20
Acetone	ND	400	350	88		370	92		58-148	6		20
Carbon disulfide	ND	400	430	108		420	105		51-130	2		20
2-Butanone	ND	400	360	90		320	80		63-138	12		20
4-Methyl-2-pentanone	ND	400	380	95		360	90		59-130	5		20
2-Hexanone	ND	400	310	78		320	80		57-130	3		20
Bromochloromethane	ND	400	430	108		390	98		70-130	10		20
1,2-Dibromoethane	ND	400	380	95		390	98		70-130	3		20
n-Butylbenzene	ND	400	330	82		340	85		53-136	3		20
sec-Butylbenzene	ND	400	380	95		390	98		70-130	3		20
1,2-Dibromo-3-chloropropane	ND	400	310	78		340	85		41-144	9		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2418621
Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,06 QC Batch ID: WG1909118-6 WG1909118-7 QC Sample: L2418621-02 Client ID: MW-6												
Isopropylbenzene	ND	400	370	92		380	95		70-130	3		20
p-Isopropyltoluene	ND	400	340	85		350	88		70-130	3		20
n-Propylbenzene	ND	400	340	85		350	88		69-130	3		20
1,2,3-Trichlorobenzene	ND	400	310	78		320	80		70-130	3		20
1,2,4-Trichlorobenzene	ND	400	320	80		320	80		70-130	0		20
1,3,5-Trimethylbenzene	ND	400	380	95		380	95		64-130	0		20
1,2,4-Trimethylbenzene	ND	400	380	95		370	92		70-130	3		20
Methyl Acetate	ND	400	400	100		390	98		70-130	3		20
Cyclohexane	ND	400	480	120		480	120		70-130	0		20
1,4-Dioxane	ND	20000	20000	100		20000	100		56-162	0		20
Freon-113	ND	400	410	103		410	103		70-130	0		20
Methyl cyclohexane	ND	400	400	100		410	103		70-130	2		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		99		70-130
4-Bromofluorobenzene	88		88		70-130
Dibromofluoromethane	105		101		70-130
Toluene-d8	92		93		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-01
Client ID: MW-5
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 12:35
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/09/24 15:39
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/08/24 16:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-01 Date Collected: 04/04/24 12:35

Client ID: MW-5 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Tentatively Identified Compounds						
Total TIC Compounds	34.4	J	ug/l			1
Unknown Organic Acid	1.60	J	ug/l			1
Unknown	1.64	J	ug/l			1
Unknown	2.40	J	ug/l			1
Unknown Ketone	6.47	J	ug/l			1
Unknown	4.07	J	ug/l			1
Unknown Ketone	13.5	J	ug/l			1
Unknown	4.69	J	ug/l			1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-01 Date Collected: 04/04/24 12:35

Client ID: MW-5 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	42		15-120
2,4,6-Tribromophenol	42		10-120
4-Terphenyl-d14	47		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-01
Client ID: MW-5
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 12:35
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/09/24 10:13
Analyst: SBC

Extraction Method: EPA 3510C
Extraction Date: 04/08/24 16:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.09	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.06	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.07	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.07	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.02	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	0.01	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-01 Date Collected: 04/04/24 12:35

Client ID: MW-5 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	**40**	Q	41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-01
Client ID: MW-5
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 12:35
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 04/17/24 15:17
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 04/16/24 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	9.16		ng/l	5.83	0.933	1
Perfluoropentanoic Acid (PFPeA)	12.2		ng/l	2.92	0.780	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.46	0.488	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.83	1.52	1
Perfluorohexanoic Acid (PFHxA)	7.38		ng/l	1.46	0.430	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.46	0.255	1
Perfluoroheptanoic Acid (PFHpA)	2.04		ng/l	1.46	0.292	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.46	0.350	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.46	0.634	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.83	1.97	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.46	0.394	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.46	0.459	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.46	0.663	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.46	0.590	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.83	2.27	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.46	0.452	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.46	0.794	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.46	0.634	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.46	0.335	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.46	0.394	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.46	0.787	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.46	0.670	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.46	0.547	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.46	0.386	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.83	0.816	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.83	0.918	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.46	0.554	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-01 Date Collected: 04/04/24 12:35

Client ID: MW-5 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.83	1.20	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.83	1.20	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.46	0.634	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.46	0.670	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.6	3.42	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.6	1.78	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.92	0.415	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.92	0.386	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.92	0.321	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.92	1.72	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.29	2.40	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.4	8.53	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.4	5.75	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-01 Date Collected: 04/04/24 12:35

Client ID: MW-5 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	93		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	141		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	68		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	74		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	73		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	71		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	74		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	61		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	83		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	85		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	77		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	64		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	69		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	64		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	75		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-02
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 10:40
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/09/24 16:04
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/08/24 16:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-02 Date Collected: 04/04/24 10:40

Client ID: MW-6 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Tentatively Identified Compounds						
Total TIC Compounds	21.9	J	ug/l			1
Unknown	3.09	J	ug/l			1
Unknown	2.51	J	ug/l			1
Unknown	2.44	J	ug/l			1
Unknown Organic Acid	3.13	J	ug/l			1
Unknown	2.73	J	ug/l			1
Unknown Amide	4.29	J	ug/l			1
Unknown	2.22	J	ug/l			1
Unknown	1.53	J	ug/l			1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-02 Date Collected: 04/04/24 10:40

Client ID: MW-6 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	45		15-120
2,4,6-Tribromophenol	47		10-120
4-Terphenyl-d14	50		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-02
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 10:40
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/09/24 10:30
Analyst: SBC

Extraction Method: EPA 3510C
Extraction Date: 04/08/24 17:02

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-02 Date Collected: 04/04/24 10:40

Client ID: MW-6 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	42		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-02
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 10:40
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 04/17/24 15:30
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 04/16/24 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	3.28	J	ng/l	5.93	0.948	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.96	0.793	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.48	0.496	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.93	1.55	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.48	0.437	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.48	0.259	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.48	0.296	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.48	0.356	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.48	0.644	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.93	2.00	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.48	0.400	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.48	0.467	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.48	0.674	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.48	0.600	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.93	2.30	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.48	0.459	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.48	0.807	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.48	0.644	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.48	0.341	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.48	0.400	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.48	0.800	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.48	0.682	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.48	0.556	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.48	0.393	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.93	0.830	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.93	0.933	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.48	0.563	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-02 Date Collected: 04/04/24 10:40

Client ID: MW-6 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.93	1.22	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.93	1.22	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.48	0.644	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.48	0.682	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.8	3.48	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.8	1.82	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.96	0.422	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.96	0.393	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.96	0.326	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.96	1.75	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.41	2.44	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.0	8.67	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.0	5.84	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-02 Date Collected: 04/04/24 10:40

Client ID: MW-6 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	91		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	105		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**202**	Q	20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	98		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	75		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	78		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	84		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	75		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	68		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	72		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	88		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	78		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	87		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	68		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	68		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	66		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	72		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-03
Client ID: MW-7
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 14:00
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 04/09/24 17:22
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 04/08/24 16:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-03 Date Collected: 04/04/24 14:00

Client ID: MW-7 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-03 Date Collected: 04/04/24 14:00

Client ID: MW-7 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	108	J	ug/l			1
Unknown	2.36	J	ug/l			1
Unknown	1.82	J	ug/l			1
Unknown	2.33	J	ug/l			1
Unknown	2.44	J	ug/l			1
Unknown	17.9	J	ug/l			1
Unknown Organic Acid	8.54	J	ug/l			1
Unknown	1.93	J	ug/l			1
Unknown Organic Acid	11.4	J	ug/l			1
Unknown Organic Acid	6.87	J	ug/l			1
Unknown	3.67	J	ug/l			1
Unknown	4.69	J	ug/l			1
Unknown	21.1	J	ug/l			1
Unknown	1.78	J	ug/l			1
Unknown	3.60	J	ug/l			1
Unknown Phenol	18.0	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	41		15-120
2,4,6-Tribromophenol	52		10-120
4-Terphenyl-d14	45		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-03
Client ID: MW-7
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 14:00
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 04/09/24 11:21
Analyst: SBC

Extraction Method: EPA 3510C
Extraction Date: 04/08/24 17:02

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-03 Date Collected: 04/04/24 14:00

Client ID: MW-7 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	50		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	**39**	Q	41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-03
Client ID: MW-7
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 14:00
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 04/17/24 16:08
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 04/16/24 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	7.45		ng/l	5.74	0.919	1
Perfluoropentanoic Acid (PFPeA)	3.50		ng/l	2.87	0.768	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.44	0.481	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.74	1.50	1
Perfluorohexanoic Acid (PFHxA)	2.91		ng/l	1.44	0.423	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.44	0.251	1
Perfluoroheptanoic Acid (PFHpA)	0.567	J	ng/l	1.44	0.287	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.44	0.344	1
Perfluorooctanoic Acid (PFOA)	0.675	J	ng/l	1.44	0.624	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.74	1.94	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.44	0.388	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.44	0.452	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.44	0.653	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.44	0.581	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.74	2.23	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.44	0.445	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.44	0.782	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.44	0.624	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.44	0.330	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.44	0.388	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.44	0.775	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.44	0.660	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.44	0.538	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.44	0.380	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.74	0.804	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.74	0.904	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.44	0.545	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-03 Date Collected: 04/04/24 14:00

Client ID: MW-7 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.74	1.18	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.74	1.18	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.44	0.624	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.44	0.660	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.4	3.37	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.4	1.76	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.87	0.409	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.87	0.380	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.87	0.316	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.87	1.69	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.18	2.37	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	35.9	8.40	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	35.9	5.66	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-03 Date Collected: 04/04/24 14:00

Client ID: MW-7 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	79		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	94		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**258**	Q	20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	93		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	102		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	73		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	86		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	99		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	85		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	65		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	64		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	90		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	71		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	91		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	66		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	69		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	70		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	76		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-04
Client ID: FIELD BLANK
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 15:00
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 04/17/24 16:21
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 04/16/24 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.27	1.00	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.14	0.839	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.57	0.525	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.27	1.64	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.57	0.463	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.57	0.274	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.57	0.314	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.57	0.376	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.57	0.682	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.27	2.12	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.57	0.423	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.57	0.494	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.57	0.714	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.57	0.635	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.27	2.44	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.57	0.486	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.57	0.855	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.57	0.682	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.57	0.361	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.57	0.423	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.57	0.847	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.57	0.721	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.57	0.588	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.57	0.416	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.27	0.878	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.27	0.988	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.57	0.596	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-04 Date Collected: 04/04/24 15:00

Client ID: FIELD BLANK Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.27	1.29	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.27	1.29	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.57	0.682	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.57	0.721	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.7	3.68	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.7	1.92	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.14	0.447	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.14	0.416	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.14	0.345	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.14	1.85	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.84	2.59	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	39.2	9.17	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	39.2	6.19	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-04 Date Collected: 04/04/24 15:00

Client ID: FIELD BLANK Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	86		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	83		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	72		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	69		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	79		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	65		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	72		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	80		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	85		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	86		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	69		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	77		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	74		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	85		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-05
Client ID: EQUIPMENT BLANK
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 15:15
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 04/17/24 16:34
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 04/16/24 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.52	1.04	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.26	0.872	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.63	0.546	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.52	1.70	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.63	0.481	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.63	0.285	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.63	0.326	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.63	0.391	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.63	0.709	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.52	2.20	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.63	0.440	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.63	0.514	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.63	0.742	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.63	0.660	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.52	2.54	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.63	0.506	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.63	0.889	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.63	0.709	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.63	0.375	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.63	0.440	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.63	0.881	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.63	0.750	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.63	0.612	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.63	0.432	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.52	0.913	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.52	1.03	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.63	0.620	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-05 Date Collected: 04/04/24 15:15

Client ID: EQUIPMENT BLANK Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.52	1.34	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.52	1.34	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.63	0.709	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.63	0.750	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.3	3.83	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.3	2.00	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.26	0.465	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.26	0.432	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.26	0.359	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.26	1.92	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.15	2.69	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.8	9.54	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.8	6.43	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-05 Date Collected: 04/04/24 15:15

Client ID: EQUIPMENT BLANK Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	93		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	69		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	75		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	112		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	63		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	121		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	54		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	85		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	137		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	132		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	87		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	55		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	59		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	57		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	62		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/09/24 00:57
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 04/07/24 18:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1905779-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/09/24 00:57
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 04/07/24 18:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1905779-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Tentatively Identified Compounds

Total TIC Compounds	9.12	J	ug/l
Unknown	2.36	J	ug/l
Unknown	2.22	J	ug/l
Unknown Organic Acid	2.36	J	ug/l
Unknown Organic Acid	2.18	J	ug/l

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/09/24 00:57
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 04/07/24 18:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1905779-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	44		15-120
2,4,6-Tribromophenol	33		10-120
4-Terphenyl-d14	47		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2418621
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/08/24 08:52
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 04/07/24 18:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1905780-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	0.01	J	ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 04/08/24 08:52
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 04/07/24 18:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1905780-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	47		41-149

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/17/24 13:47
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 04/16/24 18:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-05 Batch: WG1909404-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.67
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.280
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.496
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.896
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.01
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.608

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/17/24 13:47
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 04/16/24 18:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-05 Batch: WG1909404-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.32
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	1.32
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.696
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.736
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	3.76
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.96
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.456
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.424
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.352
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	1.89
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.64
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	9.36
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	6.31

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 04/17/24 13:47
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 04/16/24 18:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-05 Batch: WG1909404-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	95		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	92		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	99		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	73		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	89		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	81		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	91		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	85		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	75		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	75		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	92		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	68		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	76		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	87		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	57		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	68		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	77		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	84		20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1905779-2 WG1905779-3								
Bis(2-chloroethyl)ether	42		49		40-140	15		30
3,3'-Dichlorobenzidine	53		58		40-140	9		30
2,4-Dinitrotoluene	50		53		48-143	6		30
2,6-Dinitrotoluene	46		53		40-140	14		30
4-Chlorophenyl phenyl ether	45		49		40-140	9		30
4-Bromophenyl phenyl ether	46		49		40-140	6		30
Bis(2-chloroisopropyl)ether	59		68		40-140	14		30
Bis(2-chloroethoxy)methane	47		54		40-140	14		30
Hexachlorocyclopentadiene	42		50		40-140	17		30
Isophorone	48		57		40-140	17		30
Nitrobenzene	46		54		40-140	16		30
NDPA/DPA	51		55		40-140	8		30
n-Nitrosodi-n-propylamine	49		56		29-132	13		30
Bis(2-ethylhexyl)phthalate	66		71		40-140	7		30
Butyl benzyl phthalate	61		65		40-140	6		30
Di-n-butylphthalate	58		62		40-140	7		30
Di-n-octylphthalate	70		72		40-140	3		30
Diethyl phthalate	55		59		40-140	7		30
Dimethyl phthalate	49		56		40-140	13		30
Biphenyl	46		54		40-140	16		30
4-Chloroaniline	45		53		40-140	16		30
2-Nitroaniline	**49**	Q	56		52-143	13		30
3-Nitroaniline	51		55		25-145	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1905779-2 WG1905779-3								
4-Nitroaniline	53		54		51-143	2		30
Dibenzofuran	44		50		40-140	13		30
1,2,4,5-Tetrachlorobenzene	40		48		2-134	18		30
Acetophenone	53		60		39-129	12		30
2,4,6-Trichlorophenol	47		55		30-130	16		30
p-Chloro-m-cresol	50		58		23-97	15		30
2-Chlorophenol	47		55		27-123	16		30
2,4-Dichlorophenol	49		56		30-130	13		30
2,4-Dimethylphenol	49		58		30-130	17		30
2-Nitrophenol	52		60		30-130	14		30
4-Nitrophenol	54		59		10-80	9		30
2,4-Dinitrophenol	38		44		20-130	15		30
4,6-Dinitro-o-cresol	52		57		20-164	9		30
Phenol	35		41		12-110	16		30
2-Methylphenol	46		56		30-130	20		30
3-Methylphenol/4-Methylphenol	50		58		30-130	15		30
2,4,5-Trichlorophenol	49		57		30-130	15		30
Carbazole	**51**	Q	55		55-144	8		30
Atrazine	59		60		40-140	2		30
Benzaldehyde	49		58		40-140	17		30
Caprolactam	36		39		10-130	8		30
2,3,4,6-Tetrachlorophenol	51		55		40-140	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1905779-2 WG1905779-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	43		48		21-120
Phenol-d6	35		41		10-120
Nitrobenzene-d5	48		57		23-120
2-Fluorobiphenyl	41		48		15-120
2,4,6-Tribromophenol	48		51		10-120
4-Terphenyl-d14	48		52		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1905780-2 WG1905780-3								
Acenaphthene	61		64		40-140	5		40
2-Chloronaphthalene	52		55		40-140	6		40
Fluoranthene	59		58		40-140	2		40
Hexachlorobutadiene	60		64		40-140	6		40
Naphthalene	56		60		40-140	7		40
Benzo(a)anthracene	70		71		40-140	1		40
Benzo(a)pyrene	59		60		40-140	2		40
Benzo(b)fluoranthene	61		61		40-140	0		40
Benzo(k)fluoranthene	59		59		40-140	0		40
Chrysene	66		67		40-140	2		40
Acenaphthylene	51		53		40-140	4		40
Anthracene	65		66		40-140	2		40
Benzo(ghi)perylene	58		61		40-140	5		40
Fluorene	59		61		40-140	3		40
Phenanthrene	65		65		40-140	0		40
Dibenzo(a,h)anthracene	58		60		40-140	3		40
Indeno(1,2,3-cd)pyrene	64		65		40-140	2		40
Pyrene	60		59		40-140	2		40
2-Methylnaphthalene	52		55		40-140	6		40
Pentachlorophenol	64		68		40-140	6		40
Hexachlorobenzene	71		74		40-140	4		40
Hexachloroethane	55		58		40-140	5		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1905780-2 WG1905780-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		55		21-120
Phenol-d6	43		46		10-120
Nitrobenzene-d5	62		65		23-120
2-Fluorobiphenyl	50		52		15-120
2,4,6-Tribromophenol	80		80		10-120
4-Terphenyl-d14	44		43		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1909404-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	122		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	131		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	124		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	126		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	123		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	123		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	130		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	123		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	110		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	121		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	116		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	126		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	120		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	120		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	138		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	107		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	121		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	120		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	99		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	116		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	109		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	120		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1909404-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	118		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	120		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	130		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	138		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	111		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	118		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	108		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	133		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	106		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	108		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	121		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	127		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	130		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	144		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	124		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	100		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	94		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	67		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1909404-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	89				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	95				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	72				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	94				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	79				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	96				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	82				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	59				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	70				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	82				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2418621
Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1909404-3								
Perfluorobutanoic Acid (PFBA)	112		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	123		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	126		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	138		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	129		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	147		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	131		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	125		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	114		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	126		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	120		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	128		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	129		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	125		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	134		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	118		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	123		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	141		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	121		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	125		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	121		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	131		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1909404-3								
Perfluorotridecanoic Acid (PFTrDA)	127		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	131		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	128		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	128		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	130		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	110		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	107		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	129		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	135		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	120		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	124		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	126		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	131		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	146		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	130		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	103		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	100		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	94		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 Batch: WG1909404-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	86				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	89				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	75				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	81				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	84				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	74				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	76				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	100				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	73				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	77				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	72				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	74				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	84				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	63				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	62				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	77				20-150

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1905779-6 WG1905779-7 QC Sample: L2418621-02 Client ID: MW-6												
Bis(2-chloroethyl)ether	ND	18.2	11	61		12	66		40-140	9		30
3,3'-Dichlorobenzidine	ND	18.2	9.6	53		13	72		40-140	30		30
2,4-Dinitrotoluene	ND	18.2	13	72		14	77		48-143	7		30
2,6-Dinitrotoluene	ND	18.2	12	66		13	72		40-140	8		30
4-Chlorophenyl phenyl ether	ND	18.2	11	61		12	66		40-140	9		30
4-Bromophenyl phenyl ether	ND	18.2	12	66		12	66		40-140	0		30
Bis(2-chloroisopropyl)ether	ND	18.2	15	83		15	83		40-140	0		30
Bis(2-chloroethoxy)methane	ND	18.2	12	66		13	72		40-140	8		30
Hexachlorocyclopentadiene	ND	18.2	13.J	72		14.J	77		40-140	7		30
Isophorone	ND	18.2	13	72		14	77		40-140	7		30
Nitrobenzene	ND	18.2	12	66		13	72		40-140	8		30
NDPA/DPA	ND	18.2	13	72		14	77		40-140	7		30
n-Nitrosodi-n-propylamine	ND	18.2	13	72		13	72		29-132	0		30
Bis(2-ethylhexyl)phthalate	ND	18.2	24	130		17	94		40-140	**34**	Q	30
Butyl benzyl phthalate	ND	18.2	15	83		16	88		40-140	6		30
Di-n-butylphthalate	ND	18.2	14	77		15	83		40-140	7		30
Di-n-octylphthalate	ND	18.2	16	88		17	94		40-140	6		30
Diethyl phthalate	ND	18.2	14	77		14	77		40-140	0		30
Dimethyl phthalate	ND	18.2	12	66		14	77		40-140	15		30
Biphenyl	ND	18.2	12	66		13	72		40-140	8		30
4-Chloroaniline	ND	18.2	11	61		12	66		40-140	9		30
2-Nitroaniline	ND	18.2	13	72		14	77		52-143	7		30
3-Nitroaniline	ND	18.2	12	66		13	72		25-145	8		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1905779-6 WG1905779-7 QC Sample: L2418621-02 Client ID: MW-6												
4-Nitroaniline	ND	18.2	12	66		14	77		51-143	15		30
Dibenzofuran	ND	18.2	12	66		13	72		40-140	8		30
1,2,4,5-Tetrachlorobenzene	ND	18.2	11	61		11	61		2-134	0		30
Acetophenone	ND	18.2	14	77		14	77		39-129	0		30
2,4,6-Trichlorophenol	ND	18.2	13	72		14	77		30-130	7		30
p-Chloro-m-cresol	ND	18.2	14	77		15	83		23-97	7		30
2-Chlorophenol	ND	18.2	13	72		13	72		27-123	0		30
2,4-Dichlorophenol	ND	18.2	13	72		14	77		30-130	7		30
2,4-Dimethylphenol	ND	18.2	10	55		13	72		30-130	26		30
2-Nitrophenol	ND	18.2	15	83		15	83		30-130	0		30
4-Nitrophenol	ND	18.2	16	**88**	Q	17	**94**	Q	10-80	6		30
2,4-Dinitrophenol	ND	18.2	15.J	83		17.J	94		20-130	13		30
4,6-Dinitro-o-cresol	ND	18.2	15	83		16	88		20-164	6		30
Phenol	ND	18.2	11	61		11	61		12-110	0		30
2-Methylphenol	ND	18.2	12	66		13	72		30-130	8		30
3-Methylphenol/4-Methylphenol	ND	18.2	13	72		14	77		30-130	7		30
2,4,5-Trichlorophenol	ND	18.2	13	72		15	83		30-130	14		30
Carbazole	ND	18.2	13	72		14	77		55-144	7		30
Atrazine	ND	18.2	16	88		16	88		40-140	0		30
Benzaldehyde	ND	18.2	13	72		14	77		40-140	7		30
Caprolactam	ND	18.2	9.9J	54		10	55		10-130	1		30
2,3,4,6-Tetrachlorophenol	ND	18.2	14	77		15	83		40-140	7		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1905779-6 WG1905779-7 QC Sample: L2418621-02 Client ID: MW-6

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	68		74		10-120
2-Fluorobiphenyl	59		63		15-120
2-Fluorophenol	66		67		21-120
4-Terphenyl-d14	62		66		41-149
Nitrobenzene-d5	70		73		23-120
Phenol-d6	58		58		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1905780-6 WG1905780-7 QC Sample: L2418621-02 Client ID: MW-6												
Acenaphthene	ND	18.2	10	55		11	61		40-140	10		40
2-Chloronaphthalene	ND	18.2	9.2	51		9.3	51		40-140	1		40
Fluoranthene	ND	18.2	9.2	51		9.7	53		40-140	5		40
Hexachlorobutadiene	ND	18.2	11	61		11	61		40-140	0		40
Naphthalene	ND	18.2	10	55		9.7	53		40-140	3		40
Benzo(a)anthracene	ND	18.2	12	66		12	66		40-140	0		40
Benzo(a)pyrene	ND	18.2	9.7	53		10	55		40-140	3		40
Benzo(b)fluoranthene	ND	18.2	10	55		10	55		40-140	0		40
Benzo(k)fluoranthene	ND	18.2	9.5	52		10	55		40-140	5		40
Chrysene	ND	18.2	11	61		11	61		40-140	0		40
Acenaphthylene	ND	18.2	8.9	49		9.2	51		40-140	3		40
Anthracene	ND	18.2	11	61		11	61		40-140	0		40
Benzo(ghi)perylene	ND	18.2	9.9	54		10	55		40-140	1		40
Fluorene	ND	18.2	10	55		10	55		40-140	0		40
Phenanthrene	ND	18.2	10	55		11	61		40-140	10		40
Dibenzo(a,h)anthracene	ND	18.2	9.6	53		10	55		40-140	4		40
Indeno(1,2,3-cd)pyrene	ND	18.2	11	61		11	61		40-140	0		40
Pyrene	ND	18.2	9.0	50		9.5	52		40-140	5		40
2-Methylnaphthalene	ND	18.2	9.2	51		9.2	51		40-140	0		40
Pentachlorophenol	ND	18.2	12	66		13	72		40-140	8		40
Hexachlorobenzene	ND	18.2	12	66		13	72		40-140	8		40
Hexachloroethane	ND	18.2	9.9	54		10	55		40-140	1		40

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1905780-6 WG1905780-7 QC Sample: L2418621-02 Client ID: MW-6												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	73		77		10-120
2-Fluorobiphenyl	48		49		15-120
2-Fluorophenol	50		50		21-120
4-Terphenyl-d14	**37**	Q	**38**	Q	41-149
Nitrobenzene-d5	60		61		23-120
Phenol-d6	45		44		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1909404-4 WG1909404-5 QC Sample: L2418621-02 Client ID: MW-6												
Perfluorobutanoic Acid (PFBA)	3.28J	76.6	93.4	118		95.8	118		40-150	3		30
Perfluoropentanoic Acid (PFPeA)	ND	38.3	49.6	129		51.1	130		40-150	3		30
Perfluorobutanesulfonic Acid (PFBS)	ND	17	22.3	131		22.8	131		40-150	2		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	71.8	89.9	125		90.7	123		40-150	1		30
Perfluorohexanoic Acid (PFHxA)	ND	19.2	25.5	133		25.8	131		40-150	1		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	18	27.0	150		27.3	148		40-150	1		30
Perfluoroheptanoic Acid (PFHpA)	ND	19.2	24.6	128		26.1	133		40-150	6		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	17.5	23.3	133		23.4	130		40-150	0		30
Perfluorooctanoic Acid (PFOA)	ND	19.2	23.7	124		23.5	120		40-150	1		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	72.8	90.9	125		92.1	123		40-150	1		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	18.2	25.3	139		29.0	**155**	Q	40-150	14		30
Perfluorononanoic Acid (PFNA)	ND	19.2	24.9	130		29.3	149		40-150	16		30
Perfluorooctanesulfonic Acid (PFOS)	ND	17.8	26.2	147		26.6	146		40-150	2		30
Perfluorodecanoic Acid (PFDA)	ND	19.2	27.1	142		25.2	128		40-150	7		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	73.5	107	145		129	**171**	Q	40-150	19		30
Perfluorononanesulfonic Acid (PFNS)	ND	18.4	22.7	123		21.0	111		40-150	8		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	19.2	25.7	134		27.4	139		40-150	6		30
Perfluoroundecanoic Acid (PFUnA)	ND	19.2	31.5	**164**	Q	34.9	**178**	Q	40-150	10		30
Perfluorodecanesulfonic Acid (PFDS)	ND	18.5	21.5	116		21.4	113		40-150	0		30
Perfluorooctanesulfonamide (PFOSA)	ND	19.2	26.9	140		26.7	136		40-150	1		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	19.2	23.0	120		25.4	129		40-150	10		30
Perfluorododecanoic Acid (PFDoA)	ND	19.2	28.5	149		29.4	150		40-150	3		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1909404-4 WG1909404-5 QC Sample: L2418621-02 Client ID: MW-6												
Perfluorotridecanoic Acid (PFTrDA)	ND	19.2	27.8	145		27.7	141		40-150	0		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	19.2	27.0	141		28.7	146		40-150	6		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	76.6	101	132		105	134		40-150	4		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	72.4	93.3	129		97.8	132		40-150	5		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	18.6	23.4	126		25.0	131		40-150	7		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	71.6	68.3	95		64.5	88		40-150	6		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	72.4	60.9	84		56.3	76		40-150	8		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	19.2	30.2	**158**	Q	30.8	**157**	Q	40-150	2		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	19.2	29.0	**151**	Q	29.1	148		40-150	0		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	192	254	133		262	133		40-150	3		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	192	262	137		272	138		40-150	4		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	38.3	52.1	136		52.6	134		40-150	1		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	38.3	54.7	143		55.4	141		40-150	1		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	34.1	47.1	138		48.2	138		40-150	2		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	38.3	52.3	137		52.8	134		40-150	1		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	95.8	137	143		136	138		40-150	1		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	479	459	96		494	101		40-150	7		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	479	510	107		470	96		40-150	8		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2418621
Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1909404-4 WG1909404-5 QC Sample: L2418621-02 Client ID: MW-6												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	90		66		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**205**	Q	**191**	Q	20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92		93		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	52		55		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	68		61		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	61		60		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	56		54		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	78		66		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	62		60		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		89		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73		68		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75		73		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	102		107		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	58		50		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	72		70		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90		94		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81		81		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	58		55		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	65		63		20-150
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	86		92		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85		90		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85		90		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81		65		20-150

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1909404-4 WG1909404-5 QC Sample: L2418621-02 Client ID: MW-6												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	87		89		20-150

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-01
Client ID: MW-5
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 12:35
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/10/24 20:30
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 04/10/24 04:24
Cleanup Method: EPA 3665A
Cleanup Date: 04/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/10/24

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-02
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 10:40
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/10/24 20:39
Analyst: LMR

Extraction Method: EPA 3510C
Extraction Date: 04/10/24 04:24
Cleanup Method: EPA 3665A
Cleanup Date: 04/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/10/24

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	46		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-03
Client ID: MW-7
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 14:00
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 04/10/24 20:47
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 04/10/24 04:24
Cleanup Method: EPA 3665A
Cleanup Date: 04/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/10/24

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	108		30-150	A
2,4,5,6-Tetrachloro-m-xylene	**161**	Q	30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 04/10/24 19:20
Analyst: LMR

Extraction Method: EPA 3510C
Extraction Date: 04/10/24 04:24
Cleanup Method: EPA 3665A
Cleanup Date: 04/10/24
Cleanup Method: EPA 3660B
Cleanup Date: 04/10/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1906722-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	94		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1906722-2 WG1906722-3									
Aroclor 1016	81		82		40-140	1		50	A
Aroclor 1260	78		82		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		84		30-150	A
Decachlorobiphenyl	96		98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		82		30-150	B
Decachlorobiphenyl	93		92		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1906722-4 WG1906722-5 QC Sample: L2418621-02 Client ID: MW-6													
Aroclor 1016	ND	1.78	1.43	80		1.50	84		40-140	5		50	A
Aroclor 1260	ND	1.78	1.35	76		1.43	80		40-140	6		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		83		30-150	A
Decachlorobiphenyl	81		88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		81		30-150	B
Decachlorobiphenyl	81		88		30-150	B

PESTICIDES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-01
Client ID: MW-5
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 12:35
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/10/24 13:46
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 04/09/24 13:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	0.021	JIP	ug/l	0.029	0.003	1	B
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-01 Date Collected: 04/04/24 12:35

Client ID: MW-5 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-01
Client ID: MW-5
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 12:35
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 04/10/24 15:21
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 04/09/24 11:21

Methylation Date: 04/10/24 06:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	100		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-02
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 10:40
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/10/24 13:57
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 04/09/24 13:02

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-02 Date Collected: 04/04/24 10:40

Client ID: MW-6 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-02
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 10:40
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 04/10/24 15:40
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 04/09/24 11:21

Methylation Date: 04/10/24 06:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	97		30-150	A
DCAA	98		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-03
Client ID: MW-7
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 14:00
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 04/10/24 14:31
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 04/09/24 13:02

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-03 Date Collected: 04/04/24 14:00

Client ID: MW-7 Date Received: 04/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-03
Client ID: MW-7
Sample Location: BUFFALO, NY

Date Collected: 04/04/24 14:00
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 04/10/24 16:35
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 04/09/24 11:21

Methylation Date: 04/10/24 06:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	106		30-150	A
DCAA	107		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 04/10/24 12:55
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 04/09/24 11:21

Methylation Date: 04/10/24 06:28

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1906425-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	100		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/10/24 12:27
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 04/09/24 13:02

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1906477-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 04/10/24 12:27
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 04/09/24 13:02

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1906477-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	56		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1906425-2 WG1906425-3									
2,4-D	100		103		30-150	3		25	A
2,4,5-T	102		104		30-150	2		25	A
2,4,5-TP (Silvex)	108		112		30-150	4		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	100		104		30-150	A
DCAA	118		120		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1906477-2 WG1906477-3									
Delta-BHC	48		52		30-150	6		20	A
Lindane	54		57		30-150	6		20	A
Alpha-BHC	50		54		30-150	8		20	A
Beta-BHC	59		62		30-150	6		20	A
Heptachlor	52		55		30-150	5		20	A
Aldrin	50		52		30-150	5		20	A
Heptachlor epoxide	52		54		30-150	4		20	A
Endrin	55		58		30-150	6		20	A
Endrin aldehyde	56		56		30-150	1		20	A
Endrin ketone	61		53		30-150	14		20	A
Dieldrin	56		59		30-150	5		20	A
4,4'-DDE	49		51		30-150	5		20	A
4,4'-DDD	55		56		30-150	2		20	A
4,4'-DDT	55		58		30-150	5		20	A
Endosulfan I	52		54		30-150	4		20	A
Endosulfan II	55		57		30-150	3		20	A
Endosulfan sulfate	57		59		30-150	3		20	A
Methoxychlor	71		74		30-150	3		20	A
cis-Chlordane	47		49		30-150	5		20	A
trans-Chlordane	57		62		30-150	9		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1906477-2 WG1906477-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		50		30-150	A
Decachlorobiphenyl	61		62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		51		30-150	B
Decachlorobiphenyl	64		71		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1906425-4 WG1906425-5 QC Sample: L2418621-02 Client ID: MW-6													
2,4-D	ND	5	4.92J	98		4.67J	93		30-150	5		25	A
2,4,5-T	ND	5	4.97	99		4.64	93		30-150	7		25	A
2,4,5-TP (Silvex)	ND	5	5.19	104		5.05	101		30-150	3		25	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	102		97		30-150	A
DCAA	119		115		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1906477-4 WG1906477-5 QC Sample: L2418621-02 Client ID: MW-6													
Delta-BHC	ND	0.357	0.200	56		0.203	57		30-150	1		30	A
Lindane	ND	0.357	0.211	59		0.217	61		30-150	3		30	A
Alpha-BHC	ND	0.357	0.213	60		0.223	62		30-150	5		30	A
Beta-BHC	ND	0.357	0.260	73		0.256	72		30-150	2		30	A
Heptachlor	ND	0.357	0.214	60		0.218	61		30-150	2		30	A
Aldrin	ND	0.357	0.202	57		0.208	58		30-150	3		30	A
Heptachlor epoxide	ND	0.357	0.216	60		0.222	62		30-150	3		30	A
Endrin	ND	0.357	0.238	67		0.236	66		30-150	1		30	A
Endrin aldehyde	ND	0.357	0.249	70		0.243	68		30-150	2		30	A
Endrin ketone	ND	0.357	0.260	73		0.265	74		30-150	2		30	A
Dieldrin	ND	0.357	0.253	71		0.246	69		30-150	3		30	A
4,4'-DDE	ND	0.357	0.207	58		0.212	59		30-150	2		30	A
4,4'-DDD	ND	0.357	0.233	65		0.238	67		30-150	2		30	A
4,4'-DDT	ND	0.357	0.333	93		0.236	66		30-150	**34**	Q	30	A
Endosulfan I	ND	0.357	0.261	73		0.234	66		30-150	11		30	A
Endosulfan II	ND	0.357	0.234	66		0.238	67		30-150	2		30	A
Endosulfan sulfate	ND	0.357	0.243	68		0.244	68		30-150	0		30	A
Methoxychlor	ND	0.357	0.375P	105		0.306	86		30-150	20		30	A
cis-Chlordane	ND	0.357	0.206	58		0.204	57		30-150	1		30	A
trans-Chlordane	ND	0.357	0.246	69		0.243	68		30-150	1		30	A

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1906477-4 WG1906477-5 QC Sample: L2418621-02 Client ID: MW-6												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		54		30-150	A
Decachlorobiphenyl	55		59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		56		30-150	B
Decachlorobiphenyl	56		57		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET
Lab Number: L2418621
Project Number: 4461.0001B002
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-01
Client ID: MW-5
Sample Location: BUFFALO, NY
Date Collected: 04/04/24 12:35
Date Received: 04/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00802	J	mg/l	0.0100	0.00327	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Arsenic, Dissolved	0.00174		mg/l	0.00050	0.00016	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Barium, Dissolved	0.04568		mg/l	0.00050	0.00017	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Calcium, Dissolved	135.		mg/l	0.100	0.0394	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Chromium, Dissolved	0.00031	J	mg/l	0.00100	0.00017	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Copper, Dissolved	0.00059	J	mg/l	0.00100	0.00038	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Iron, Dissolved	1.07		mg/l	0.0500	0.0191	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Magnesium, Dissolved	54.6		mg/l	0.0700	0.0242	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.06660		mg/l	0.00100	0.00044	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/08/24 15:17	04/18/24 18:10	EPA 7470A	1,7470A	MJR
Nickel, Dissolved	0.00064	J	mg/l	0.00200	0.00055	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Potassium, Dissolved	10.4		mg/l	0.100	0.0309	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Sodium, Dissolved	395.		mg/l	1.00	0.293	10	04/08/24 13:49	04/11/24 11:54	EPA 3005A	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	04/08/24 13:49	04/10/24 21:02	EPA 3005A	1,6020B	EJF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-02
Client ID: MW-6
Sample Location: BUFFALO, NY
Sample Depth:
Matrix: Water

Date Collected: 04/04/24 10:40
Date Received: 04/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Arsenic, Dissolved	0.00802		mg/l	0.00050	0.00016	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Barium, Dissolved	0.1375		mg/l	0.00050	0.00017	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Calcium, Dissolved	125.		mg/l	0.100	0.0394	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Chromium, Dissolved	0.00021	J	mg/l	0.00100	0.00017	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Cobalt, Dissolved	0.00017	J	mg/l	0.00050	0.00016	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Iron, Dissolved	1.36		mg/l	0.0500	0.0191	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Magnesium, Dissolved	154.		mg/l	0.700	0.242	10	04/08/24 13:49	04/11/24 12:46	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.03567		mg/l	0.00100	0.00044	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/08/24 15:17	04/18/24 18:00	EPA 7470A	1,7470A	MJR
Nickel, Dissolved	0.00267		mg/l	0.00200	0.00055	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Potassium, Dissolved	4.32		mg/l	0.100	0.0309	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Sodium, Dissolved	238.		mg/l	0.100	0.0293	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	04/08/24 13:49	04/10/24 19:52	EPA 3005A	1,6020B	EJF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2418621-03
Client ID: MW-7
Sample Location: BUFFALO, NY
Sample Depth:
Matrix: Water

Date Collected: 04/04/24 14:00
Date Received: 04/05/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00625	J	mg/l	0.0100	0.00327	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Arsenic, Dissolved	0.00540		mg/l	0.00050	0.00016	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Barium, Dissolved	0.1016		mg/l	0.00050	0.00017	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Calcium, Dissolved	54.4		mg/l	0.100	0.0394	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Chromium, Dissolved	0.00035	J	mg/l	0.00100	0.00017	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Cobalt, Dissolved	0.00038	J	mg/l	0.00050	0.00016	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Copper, Dissolved	0.00040	J	mg/l	0.00100	0.00038	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Iron, Dissolved	0.178		mg/l	0.0500	0.0191	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Magnesium, Dissolved	81.4		mg/l	0.0700	0.0242	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.04731		mg/l	0.00100	0.00044	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/08/24 15:17	04/18/24 18:30	EPA 7470A	1,7470A	MJR
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Potassium, Dissolved	4.65		mg/l	0.100	0.0309	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Sodium, Dissolved	67.4		mg/l	0.100	0.0293	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	04/08/24 13:49	04/10/24 21:07	EPA 3005A	1,6020B	EJF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2418621

Project Number: 4461.0001B002 **Report Date:** 04/19/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1905986-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Arsenic, Dissolved	0.00024	J	mg/l	0.00050	0.00016	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	04/08/24 13:49	04/10/24 19:10	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1905987-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	04/08/24 15:17	04/11/24 16:15	1,7470A	MJR

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2418621
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1905986-2								
Aluminum, Dissolved	108		-		80-120	-		
Antimony, Dissolved	80		-		80-120	-		
Arsenic, Dissolved	102		-		80-120	-		
Barium, Dissolved	105		-		80-120	-		
Beryllium, Dissolved	104		-		80-120	-		
Cadmium, Dissolved	101		-		80-120	-		
Calcium, Dissolved	104		-		80-120	-		
Chromium, Dissolved	111		-		80-120	-		
Cobalt, Dissolved	110		-		80-120	-		
Copper, Dissolved	106		-		80-120	-		
Iron, Dissolved	114		-		80-120	-		
Lead, Dissolved	101		-		80-120	-		
Magnesium, Dissolved	103		-		80-120	-		
Manganese, Dissolved	111		-		80-120	-		
Nickel, Dissolved	110		-		80-120	-		
Potassium, Dissolved	108		-		80-120	-		
Selenium, Dissolved	102		-		80-120	-		
Silver, Dissolved	100		-		80-120	-		
Sodium, Dissolved	106		-		80-120	-		
Thallium, Dissolved	105		-		80-120	-		
Vanadium, Dissolved	110		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2418621

Report Date: 04/19/24

Parameter	LCS %Recovery		LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1905986-2						
Zinc, Dissolved	106		-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1905987-2						
Mercury, Dissolved	**203**	Q	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2418621
Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1905986-3 WG1905986-4 QC Sample: L2418369-07 Client ID: MS Sample												
Aluminum, Dissolved	0.00715J	2	2.07	104		2.20	110		75-125	6		20
Antimony, Dissolved	0.00078J	0.5	0.4370	87		0.4843	97		75-125	10		20
Arsenic, Dissolved	0.00019J	0.12	0.1206	100		0.1252	104		75-125	4		20
Barium, Dissolved	0.08762	2	2.148	103		2.240	108		75-125	4		20
Beryllium, Dissolved	ND	0.05	0.05311	106		0.05427	108		75-125	2		20
Cadmium, Dissolved	ND	0.053	0.05299	100		0.05501	104		75-125	4		20
Calcium, Dissolved	140.	10	152	120		158	**180**	Q	75-125	4		20
Chromium, Dissolved	ND	0.2	0.2135	107		0.2264	113		75-125	6		20
Cobalt, Dissolved	0.00025J	0.5	0.5304	106		0.5635	113		75-125	6		20
Copper, Dissolved	0.00045J	0.25	0.2568	103		0.2740	110		75-125	6		20
Iron, Dissolved	0.0255J	1	1.14	114		1.22	122		75-125	7		20
Lead, Dissolved	ND	0.53	0.5147	97		0.5385	102		75-125	5		20
Magnesium, Dissolved	37.6	10	49.6	120		53.1	**155**	Q	75-125	7		20
Manganese, Dissolved	0.04385	0.5	0.5892	109		0.6195	115		75-125	5		20
Nickel, Dissolved	0.00057J	0.5	0.5227	104		0.5537	111		75-125	6		20
Potassium, Dissolved	3.62	10	14.0	104		15.0	114		75-125	7		20
Selenium, Dissolved	0.00174J	0.12	0.124	103		0.127	106		75-125	2		20
Silver, Dissolved	ND	0.05	0.04904	98		0.05110	102		75-125	4		20
Sodium, Dissolved	308.	10	330	**220**	Q	319	110		75-125	3		20
Thallium, Dissolved	ND	0.12	0.1219	102		0.1287	107		75-125	5		20
Vanadium, Dissolved	ND	0.5	0.5405	108		0.5829	116		75-125	8		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2418621
Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1905986-3 WG1905986-4 QC Sample: L2418369-07 Client ID: MS Sample									
Zinc, Dissolved	ND	0.5	0.5131	103	0.5376	108	75-125	5	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2418621
Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1905986-7 WG1905986-8 QC Sample: L2418621-02 Client ID: MW-6											
Aluminum, Dissolved	ND	2	2.10	105		2.13	106		75-125	1	20
Antimony, Dissolved	ND	0.5	0.5369	107		0.5283	106		75-125	2	20
Arsenic, Dissolved	0.00802	0.12	0.1330	104		0.1350	106		75-125	1	20
Barium, Dissolved	0.1375	2	2.198	103		2.270	107		75-125	3	20
Beryllium, Dissolved	ND	0.05	0.05318	106		0.05455	109		75-125	3	20
Cadmium, Dissolved	ND	0.053	0.05367	101		0.05406	102		75-125	1	20
Calcium, Dissolved	125.	10	142	**170**	Q	147	**220**	Q	75-125	3	20
Chromium, Dissolved	0.00021J	0.2	0.2156	108		0.2195	110		75-125	2	20
Cobalt, Dissolved	0.00017J	0.5	0.5366	107		0.5470	109		75-125	2	20
Copper, Dissolved	ND	0.25	0.2612	104		0.2596	104		75-125	1	20
Iron, Dissolved	1.36	1	2.54	118		2.55	119		75-125	0	20
Lead, Dissolved	ND	0.53	0.5160	97		0.5281	100		75-125	2	20
Magnesium, Dissolved	154.	10	156	**20**	Q	160	**60**	Q	75-125	3	20
Manganese, Dissolved	0.03567	0.5	0.5790	109		0.5921	111		75-125	2	20
Nickel, Dissolved	0.00267	0.5	0.5308	106		0.5389	107		75-125	2	20
Potassium, Dissolved	4.32	10	14.8	105		15.6	113		75-125	5	20
Selenium, Dissolved	ND	0.12	0.120	100		0.119	99		75-125	1	20
Silver, Dissolved	ND	0.05	0.04961	99		0.05025	100		75-125	1	20
Sodium, Dissolved	238.	10	273	**350**	Q	278	**400**	Q	75-125	2	20
Thallium, Dissolved	ND	0.12	0.1210	101		0.1245	104		75-125	3	20
Vanadium, Dissolved	ND	0.5	0.5453	109		0.5562	111		75-125	2	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2418621
Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1905986-7 WG1905986-8 QC Sample: L2418621-02 Client ID: MW-6									
Zinc, Dissolved	ND	0.5	0.5182	104	0.5248	105	75-125	1	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1905987-3 WG1905987-4 QC Sample: L2418369-07 Client ID: MS Sample									
Mercury, Dissolved	0.00009J	0.005	0.00496	99	0.00496	99	75-125	0	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1905987-5 WG1905987-6 QC Sample: L2418621-02 Client ID: MW-6									
Mercury, Dissolved	ND	0.005	0.00510	102	0.00498	100	75-125	3	20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2418621
Report Date: 04/19/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1905986-10 QC Sample: L2418621-02 Client ID: MW-6						
Barium, Dissolved	0.1375	0.1434	mg/l	4		20
Calcium, Dissolved	125.	145.	mg/l	16		20
Iron, Dissolved	1.36	1.57	mg/l	15		20
Manganese, Dissolved	0.03567	0.04071	mg/l	14		20
Potassium, Dissolved	4.32	4.94	mg/l	14		20
Sodium, Dissolved	238.	279.	mg/l	17		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1905986-10 QC Sample: L2418621-02 Client ID: MW-6						
Magnesium, Dissolved	154.	156.	mg/l	1		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1905986-6 QC Sample: L2418369-07 Client ID: DUP Sample						
Barium, Dissolved	0.08762	0.08402	mg/l	4		20
Calcium, Dissolved	140.	140.	mg/l	0		20
Magnesium, Dissolved	37.6	40.1	mg/l	7		20
Manganese, Dissolved	0.04385	0.04470	mg/l	2		20
Potassium, Dissolved	3.62	3.58	mg/l	1		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1905986-6 QC Sample: L2418369-07 Client ID: DUP Sample						
Sodium, Dissolved	308.	322.	mg/l	5		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2418621
Report Date: 04/19/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2418621-01A	Vial HCl preserved	B	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2418621-01B	Vial HCl preserved	B	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2418621-01C	Vial HCl preserved	B	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2418621-01D	Plastic 250ml HNO3 preserved	B	<2	<2	2.8	Y	Absent		CU-6020S(180),V-6020S(180),K-6020S(180),SE-6020S(180),MN-6020S(180),CO-6020S(180),BE-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),NI-6020S(180),NA-6020S(180),PB-6020S(180),TL-6020S(180),BA-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),HG-S(28),CD-6020S(180),AL-6020S(180)
L2418621-01E	Amber 120ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8082-LVI(365)
L2418621-01F	Amber 120ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8082-LVI(365)
L2418621-01G	Amber 120ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8081(7)
L2418621-01H	Amber 120ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8081(7)
L2418621-01I	Amber 250ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2418621-01J	Amber 250ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2418621-01K	Amber 1000ml unpreserved	B	7	7	2.8	Y	Absent		HERB-APA(7)
L2418621-01L	Amber 1000ml unpreserved	B	7	7	2.8	Y	Absent		HERB-APA(7)
L2418621-01M	Plastic 250ml unpreserved	B	NA		2.8	Y	Absent		A2-1633-DRAFT(28)
L2418621-01N	Plastic 250ml unpreserved	B	NA		2.8	Y	Absent		A2-1633-DRAFT(28)
L2418621-01O	Plastic 250ml unpreserved	B	NA		2.8	Y	Absent		A2-1633-DRAFT(28)
L2418621-01P	Plastic 250ml unpreserved	B	NA		2.8	Y	Absent		A2-1633-DRAFT(28)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2418621-01Q	Plastic 250ml unpreserved	B	NA		2.8	Y	Absent		A2-1633-DRAFT(28)
L2418621-01R	Plastic 250ml unpreserved	B	NA		2.8	Y	Absent		A2-1633-DRAFT(28)
L2418621-02A	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2418621-02A1	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2418621-02A2	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2418621-02B	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2418621-02B1	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2418621-02B2	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2418621-02C	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2418621-02C1	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2418621-02C2	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2418621-02D	Plastic 250ml HNO3 preserved	A	<2	<2	4.1	Y	Absent		CU-6020S(180),V-6020S(180),K-6020S(180),SE-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),NA-6020S(180),BA-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2418621-02D1	Plastic 250ml HNO3 preserved	A	<2	<2	4.1	Y	Absent		CU-6020S(180),V-6020S(180),K-6020S(180),SE-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),NA-6020S(180),BA-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2418621-02D2	Plastic 250ml HNO3 preserved	A	<2	<2	4.1	Y	Absent		CU-6020S(180),V-6020S(180),K-6020S(180),SE-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),NA-6020S(180),BA-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2418621-02E	Amber 120ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8082-LVI(365)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2418621
Report Date: 04/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2418621-02E1	Amber 120ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8082-LVI(365)
L2418621-02E2	Amber 120ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8082-LVI(365)
L2418621-02F	Amber 120ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8082-LVI(365)
L2418621-02F1	Amber 120ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8082-LVI(365)
L2418621-02F2	Amber 120ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8082-LVI(365)
L2418621-02G	Amber 120ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8081(7)
L2418621-02G1	Amber 120ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8081(7)
L2418621-02G2	Amber 120ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8081(7)
L2418621-02H	Amber 120ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8081(7)
L2418621-02H1	Amber 120ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8081(7)
L2418621-02H2	Amber 120ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8081(7)
L2418621-02I	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2418621-02I1	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2418621-02I2	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2418621-02J	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2418621-02J1	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2418621-02J2	Amber 250ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2418621-02K	Amber 1000ml unpreserved	A	7	7	4.1	Y	Absent		HERB-APA(7)
L2418621-02K1	Amber 1000ml unpreserved	A	7	7	4.1	Y	Absent		HERB-APA(7)
L2418621-02K2	Amber 1000ml unpreserved	A	7	7	4.1	Y	Absent		HERB-APA(7)
L2418621-02L	Amber 1000ml unpreserved	A	7	7	4.1	Y	Absent		HERB-APA(7)
L2418621-02L1	Amber 1000ml unpreserved	A	7	7	4.1	Y	Absent		HERB-APA(7)
L2418621-02L2	Amber 1000ml unpreserved	A	7	7	4.1	Y	Absent		HERB-APA(7)
L2418621-02M	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)
L2418621-02M1	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)
L2418621-02M2	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)
L2418621-02N	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)
L2418621-02N1	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2418621-02N2	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)
L2418621-02O	Plastic 250ml unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(28)
L2418621-02O1	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)
L2418621-02O2	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)
L2418621-02P	Plastic 250ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)
L2418621-03A	Vial HCl preserved	B	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2418621-03B	Vial HCl preserved	B	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2418621-03C	Vial HCl preserved	B	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2418621-03D	Plastic 250ml HNO3 preserved	B	<2	<2	2.8	Y	Absent		CU-6020S(180),V-6020S(180),K-6020S(180),SE-6020S(180),MN-6020S(180),MG-6020S(180),CO-6020S(180),ZN-6020S(180),BE-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),TL-6020S(180),NI-6020S(180),PB-6020S(180),BA-6020S(180),NA-6020S(180),SB-6020S(180),AS-6020S(180),AG-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2418621-03E	Amber 120ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8082-LVI(365)
L2418621-03F	Amber 120ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8082-LVI(365)
L2418621-03G	Amber 120ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8081(7)
L2418621-03H	Amber 120ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8081(7)
L2418621-03I	Amber 250ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2418621-03J	Amber 250ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2418621-03K	Amber 1000ml unpreserved	B	7	7	2.8	Y	Absent		HERB-APA(7)
L2418621-03L	Amber 1000ml unpreserved	B	7	7	2.8	Y	Absent		HERB-APA(7)
L2418621-03M	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)
L2418621-03N	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)
L2418621-03O	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)
L2418621-03P	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)
L2418621-03Q	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)
L2418621-03R	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2418621
Report Date: 04/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2418621-04A	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)
L2418621-04B	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)
L2418621-04C	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)
L2418621-05A	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)
L2418621-05B	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)
L2418621-05C	Plastic 500ml unpreserved	C	NA		4.9	Y	Absent		A2-1633-DRAFT(28)
L2418621-06A	Vial HCl preserved	B	NA		2.8	Y	Absent		NYTCL-8260-R2(14)
L2418621-06B	Vial HCl preserved	B	NA		2.8	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2418621
Report Date: 04/19/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2418621
Report Date: 04/19/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2418621
Project Number:	4461.0001B002	**Report Date:**	04/19/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2418621
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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2418621
Project Number:	4461.0001B002	**Report Date:**	04/19/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2418621
Project Number:	4461.0001B002	**Report Date:**	04/19/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA

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FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 4/6/24

ALPHA Job #: L2418621

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001.B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYCL 8260 +TICs	Dissolved metals + Dissolved Hg	Herb-APA	NYTCL-8270 +TICs	NYTCL-8081	NYTCL-8082	NA-NY-1633	Total Bottle	Sample Specific Comments
18621-01	MW-5	4-4-24	1235	water	CEH	X	X	X	X	X	X	X		
02	MW-6		1040			X	X	X	X	X	X	X		
02	MS		1040			X	X	X	X	X	X	X		
02	MSD		1040			X	X	X	X	X	X	X		
03	MW-7		1400			X	X	X	X	X	X	X		
04 03	Field Blank		1500									X		
05 04	Equipment Blank		1515									X		

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Chester Hochreiter	4-4-24 1600	P Bishop	4-5-24 9:30
P Bishop	4-5-24 10:58		4/6/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2428793
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	06/07/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2428793-01	MW-2	WATER	BUFFALO, NY	05/23/24 10:25	05/23/24
L2428793-02	MW-3	WATER	BUFFALO, NY	05/23/24 11:25	05/23/24
L2428793-03	MW-4	WATER	BUFFALO, NY	05/23/24 13:00	05/23/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2428793
Project Number:	4461.0001B002	**Report Date:**	06/07/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2428793
Project Number:	4461.0001B002	**Report Date:**	06/07/24

Case Narrative (continued)

Report Submission

June 07, 2024: This final report includes the results of all requested analyses.

May 28, 2024: This is a preliminary report.

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

Perfluorinated Alkyl Acids by 1633

L2428793-03: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

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

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 06/07/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-01
Client ID: MW-2
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 10:25
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/24/24 12:24
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	1.4	J	ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-01 Date Collected: 05/23/24 10:25

Client ID: MW-2 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	2.5		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.4		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	1.2	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	1.3	J	ug/l	10	0.40	1

Tentatively Identified Compounds					
Total TIC Compounds	1.01	J	ug/l		1
Unknown	1.01	J	ug/l		1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	100		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-02
Client ID: MW-3
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 11:25
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/24/24 12:48
Analyst: MKS

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-02 Date Collected: 05/23/24 11:25

Client ID: MW-3 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	24		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	14		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	1.3	J	ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	99		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-03
Client ID: MW-4
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 13:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/24/24 13:12
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.27	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.22	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	1.0		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-03 Date Collected: 05/23/24 13:00

Client ID: MW-4 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	1.3	J	ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.2	J	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	99		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/24/24 11:12
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1925878-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/24/24 11:12
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1925878-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/24/24 11:12
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1925878-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1925878-3 WG1925878-4								
Methylene chloride	98		100		70-130	2		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	98		100		70-130	2		20
Carbon tetrachloride	99		99		63-132	0		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	91		100		63-130	9		20
1,1,2-Trichloroethane	94		100		70-130	6		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	97		100		75-130	3		20
Trichlorofluoromethane	96		93		62-150	3		20
1,2-Dichloroethane	95		110		70-130	15		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	94		100		67-130	6		20
trans-1,3-Dichloropropene	96		100		70-130	4		20
cis-1,3-Dichloropropene	91		100		70-130	9		20
Bromoform	84		95		54-136	12		20
1,1,2,2-Tetrachloroethane	110		120		67-130	9		20
Benzene	100		100		70-130	0		20
Toluene	100		110		70-130	10		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	49		62		39-139	**23**	Q	20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428793

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1925878-3 WG1925878-4								
Chloroethane	100		110		55-138	10		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	98		100		70-130	2		20
Trichloroethene	93		96		70-130	3		20
1,2-Dichlorobenzene	98		100		70-130	2		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	98		100		70-130	2		20
Methyl tert butyl ether	86		100		63-130	15		20
p/m-Xylene	90		95		70-130	5		20
o-Xylene	90		95		70-130	5		20
cis-1,2-Dichloroethene	95		100		70-130	5		20
Styrene	95		100		70-130	5		20
Dichlorodifluoromethane	93		86		36-147	8		20
Acetone	94		110		58-148	16		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	110		110		63-138	0		20
4-Methyl-2-pentanone	89		110		59-130	**21**	Q	20
2-Hexanone	95		120		57-130	**23**	Q	20
Bromochloromethane	91		99		70-130	8		20
1,2-Dibromoethane	95		100		70-130	5		20
1,2-Dibromo-3-chloropropane	80		94		41-144	16		20
Isopropylbenzene	98		100		70-130	2		20
1,2,3-Trichlorobenzene	82		97		70-130	17		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428793

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1925878-3 WG1925878-4								
1,2,4-Trichlorobenzene	88		100		70-130	13		20
Methyl Acetate	93		110		70-130	17		20
Cyclohexane	110		100		70-130	10		20
1,4-Dioxane	78		98		56-162	**23**	Q	20
Freon-113	97		93		70-130	4		20
Methyl cyclohexane	99		89		70-130	11		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		106		70-130
Toluene-d8	106		105		70-130
4-Bromofluorobenzene	110		107		70-130
Dibromofluoromethane	96		97		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-01
Client ID: MW-2
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 10:25
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/25/24 11:08
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 05/24/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-01 Date Collected: 05/23/24 10:25

Client ID: MW-2 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1
Tentatively Identified Compounds						
Total TIC Compounds	16.3	J	ug/l			1
Unknown Ketone	12.3	J	ug/l			1
Unknown	4.00	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	44		10-120
4-Terphenyl-d14	81		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-01
Client ID: MW-2
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 10:25
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/28/24 12:55
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/24/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.08	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-01 Date Collected: 05/23/24 10:25

Client ID: MW-2 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	51		10-120
4-Terphenyl-d14	85		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-01
Client ID: MW-2
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 10:25
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/06/24 02:25
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/05/24 12:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	1.63	J	ng/l	6.31	1.01	1
Perfluoropentanoic Acid (PFPeA)	1.76	J	ng/l	3.15	0.843	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.58	0.528	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.31	1.65	1
Perfluorohexanoic Acid (PFHxA)	0.804	J	ng/l	1.58	0.465	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.58	0.276	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.58	0.315	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.58	0.378	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.58	0.686	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.31	2.13	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.58	0.426	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.58	0.497	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.58	0.717	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.58	0.638	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.31	2.45	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.58	0.489	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.58	0.859	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.58	0.686	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.58	0.363	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.58	0.426	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.58	0.851	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.58	0.725	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.58	0.591	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.58	0.418	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.31	0.883	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.31	0.993	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.58	0.599	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-01 Date Collected: 05/23/24 10:25

Client ID: MW-2 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.31	1.30	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.31	1.30	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.58	0.686	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.58	0.725	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.8	3.70	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.8	1.93	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.15	0.449	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.15	0.418	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.15	0.347	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.15	1.86	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.88	2.60	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	39.4	9.22	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	39.4	6.22	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-01 Date Collected: 05/23/24 10:25

Client ID: MW-2 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	79		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	143		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	77		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	84		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	72		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	71		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	76		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	48		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	59		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	57		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	74		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	61		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	67		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	64		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	64		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-02
Client ID: MW-3
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 11:25
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/25/24 11:32
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 05/24/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-02 Date Collected: 05/23/24 11:25

Client ID: MW-3 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	1.1	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	2.3	J	ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds						
Total TIC Compounds	32.8	J	ug/l			1
Unknown	8.20	J	ug/l			1
Unknown Ketone	12.3	J	ug/l			1
Unknown Organic Acid	4.90	J	ug/l			1
Unknown Organic Acid	7.40	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	38		10-120
4-Terphenyl-d14	94		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-02
Client ID: MW-3
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 11:25
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/28/24 13:11
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/24/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.08	J	ug/l	0.80	0.06	1
Hexachlorobenzene	0.04	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-02 Date Collected: 05/23/24 11:25

Client ID: MW-3 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	24		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	41		10-120
4-Terphenyl-d14	90		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-02
Client ID: MW-3
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 11:25
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/06/24 02:37
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/05/24 12:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	2.02	J	ng/l	5.96	0.953	1
Perfluoropentanoic Acid (PFPeA)	1.47	J	ng/l	2.98	0.797	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.49	0.499	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.96	1.56	1
Perfluorohexanoic Acid (PFHxA)	1.33	J	ng/l	1.49	0.439	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.49	0.261	1
Perfluoroheptanoic Acid (PFHpA)	0.298	J	ng/l	1.49	0.298	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.49	0.357	1
Perfluorooctanoic Acid (PFOA)	0.789	J	ng/l	1.49	0.648	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.96	2.01	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.49	0.402	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.49	0.469	1
Perfluorooctanesulfonic Acid (PFOS)	1.06	J	ng/l	1.49	0.678	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.49	0.603	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.96	2.32	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.49	0.462	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.49	0.812	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.49	0.648	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.49	0.342	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.49	0.402	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.49	0.804	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.49	0.685	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.49	0.558	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.49	0.395	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.96	0.834	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.96	0.938	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.49	0.566	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-02 Date Collected: 05/23/24 11:25

Client ID: MW-3 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.96	1.23	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.96	1.23	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.49	0.648	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.49	0.685	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.9	3.50	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.9	1.82	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.98	0.424	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.98	0.395	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.98	0.328	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.98	1.76	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.44	2.46	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.2	8.71	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.2	5.87	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-02 Date Collected: 05/23/24 11:25

Client ID: MW-3 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	74		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	76		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	147		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	70		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	79		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	73		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	72		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	63		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	60		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	61		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	63		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	52		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	47		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	65		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	45		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	44		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	69		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	50		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	48		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	54		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	53		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-03
Client ID: MW-4
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 13:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/25/24 11:55
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 05/24/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-03 Date Collected: 05/23/24 13:00

Client ID: MW-4 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	1.2	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds						
Total TIC Compounds	36.8	J	ug/l			1
Unknown Amide	11.2	J	ug/l			1
Unknown	7.50	J	ug/l			1
Unknown	6.70	J	ug/l			1
Unknown Ketone	11.4	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	43		10-120
4-Terphenyl-d14	93		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-03
Client ID: MW-4
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 13:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/28/24 13:27
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/24/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.09	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	0.07	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.06	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-03 Date Collected: 05/23/24 13:00

Client ID: MW-4 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	44		10-120
4-Terphenyl-d14	90		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-03
Client ID: MW-4
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 13:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 06/06/24 02:50
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/05/24 12:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.52		ng/l	5.87	0.940	1
Perfluoropentanoic Acid (PFPeA)	6.42		ng/l	2.94	0.786	1
Perfluorobutanesulfonic Acid (PFBS)	0.925	J	ng/l	1.47	0.492	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.87	1.53	1
Perfluorohexanoic Acid (PFHxA)	6.89		ng/l	1.47	0.433	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.47	0.257	1
Perfluoroheptanoic Acid (PFHpA)	5.23		ng/l	1.47	0.294	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.47	0.352	1
Perfluorooctanoic Acid (PFOA)	4.68		ng/l	1.47	0.639	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.87	1.98	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.47	0.396	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.47	0.462	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.47	0.668	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.47	0.595	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.87	2.28	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.47	0.455	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.47	0.800	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.47	0.639	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.47	0.338	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.47	0.396	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.47	0.793	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.47	0.676	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.47	0.551	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.47	0.389	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.87	0.822	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.87	0.925	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.47	0.558	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-03 Date Collected: 05/23/24 13:00

Client ID: MW-4 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.87	1.21	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.87	1.21	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.47	0.639	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.47	0.676	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.7	3.45	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.7	1.80	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.94	0.418	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.94	0.389	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.94	0.323	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.94	1.73	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.34	2.42	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.7	8.59	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.7	5.79	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-03 Date Collected: 05/23/24 13:00

Client ID: MW-4 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	64		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	67		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	65		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**203**	Q	20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	72		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	71		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	69		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	118		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	74		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	68		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	66		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	120		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	95		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	67		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	51		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	56		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	48		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	66		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	55		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	53		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	54		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	57		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/25/24 10:21
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 05/24/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1925497-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/25/24 10:21
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 05/24/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1925497-1					
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Tentatively Identified Compounds

Total TIC Compounds	32.5	J	ug/l
Unknown Amide	7.70	J	ug/l
Unknown	7.70	J	ug/l
Unknown Ketone	12.4	J	ug/l
Unknown Organic Acid	4.70	J	ug/l

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/25/24 10:21
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 05/24/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1925497-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	95		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/28/24 13:59
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/24/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1925498-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	0.10	J	ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/28/24 13:59
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/24/24 11:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1925498-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	76		41-149

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/06/24 01:07
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/05/24 10:38

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-03 Batch: WG1929999-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.67
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.280
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.496
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.896
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.01
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.608

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/06/24 01:07
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/05/24 10:38

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-03 Batch: WG1929999-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.32
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	1.32
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.696
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.736
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	3.76
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.96
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.456
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.424
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.352
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	1.89
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.64
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	9.36
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	6.31

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/06/24 01:07
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/05/24 10:38

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-03 Batch: WG1929999-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	78		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	86		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	90		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	70		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	91		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	67		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	92		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	82		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	66		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	71		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	81		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	83		20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428793

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1925497-2 WG1925497-3								
Bis(2-chloroethyl)ether	74		78		40-140	5		30
3,3'-Dichlorobenzidine	103		100		40-140	3		30
2,4-Dinitrotoluene	101		95		48-143	6		30
2,6-Dinitrotoluene	96		94		40-140	2		30
4-Chlorophenyl phenyl ether	81		83		40-140	2		30
4-Bromophenyl phenyl ether	86		86		40-140	0		30
Bis(2-chloroisopropyl)ether	60		62		40-140	3		30
Bis(2-chloroethoxy)methane	75		76		40-140	1		30
Hexachlorocyclopentadiene	40		46		40-140	14		30
Isophorone	77		78		40-140	1		30
Nitrobenzene	74		78		40-140	5		30
NDPA/DPA	88		87		40-140	1		30
n-Nitrosodi-n-propylamine	75		76		29-132	1		30
Bis(2-ethylhexyl)phthalate	110		105		40-140	5		30
Butyl benzyl phthalate	115		109		40-140	5		30
Di-n-butylphthalate	102		95		40-140	7		30
Di-n-octylphthalate	117		108		40-140	8		30
Diethyl phthalate	94		90		40-140	4		30
Dimethyl phthalate	94		92		40-140	2		30
Biphenyl	76		79		40-140	4		30
4-Chloroaniline	68		65		40-140	5		30
2-Nitroaniline	104		98		52-143	6		30
3-Nitroaniline	101		93		25-145	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1925497-2 WG1925497-3								
4-Nitroaniline	103		98		51-143	5		30
Dibenzofuran	77		80		40-140	4		30
1,2,4,5-Tetrachlorobenzene	60		66		2-134	10		30
Acetophenone	77		82		39-129	6		30
2,4,6-Trichlorophenol	93		44		30-130	**72**	Q	30
p-Chloro-m-cresol	90		73		23-97	21		30
2-Chlorophenol	82		52		27-123	**45**	Q	30
2,4-Dichlorophenol	91		54		30-130	**51**	Q	30
2,4-Dimethylphenol	74		75		30-130	1		30
2-Nitrophenol	98		52		30-130	**61**	Q	30
4-Nitrophenol	64		32		10-80	**67**	Q	30
2,4-Dinitrophenol	101		31		20-130	**106**	Q	30
4,6-Dinitro-o-cresol	123		50		20-164	**84**	Q	30
Phenol	46		34		12-110	30		30
2-Methylphenol	81		78		30-130	4		30
3-Methylphenol/4-Methylphenol	80		76		30-130	5		30
2,4,5-Trichlorophenol	96		50		30-130	**63**	Q	30
Carbazole	97		89		55-144	9		30
Atrazine	98		95		40-140	3		30
Benzaldehyde	86		78		40-140	10		30
Caprolactam	32		32		10-130	0		30
2,3,4,6-Tetrachlorophenol	108		44		40-140	**84**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1925497-2 WG1925497-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	58		32		21-120
Phenol-d6	47		33		10-120
Nitrobenzene-d5	70		71		23-120
2-Fluorobiphenyl	73		77		15-120
2,4,6-Tribromophenol	100		50		10-120
4-Terphenyl-d14	96		87		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1925498-2 WG1925498-3								
Acenaphthene	76		81		40-140	6		40
2-Chloronaphthalene	66		74		40-140	11		40
Fluoranthene	91		90		40-140	1		40
Hexachlorobutadiene	46		56		40-140	20		40
Naphthalene	69		71		40-140	3		40
Benzo(a)anthracene	92		87		40-140	6		40
Benzo(a)pyrene	100		97		40-140	3		40
Benzo(b)fluoranthene	96		100		40-140	4		40
Benzo(k)fluoranthene	95		85		40-140	11		40
Chrysene	90		89		40-140	1		40
Acenaphthylene	79		84		40-140	6		40
Anthracene	86		86		40-140	0		40
Benzo(ghi)perylene	99		96		40-140	3		40
Fluorene	81		84		40-140	4		40
Phenanthrene	82		81		40-140	1		40
Dibenzo(a,h)anthracene	106		102		40-140	4		40
Indeno(1,2,3-cd)pyrene	112		107		40-140	5		40
Pyrene	90		88		40-140	2		40
2-Methylnaphthalene	72		79		40-140	9		40
Pentachlorophenol	89		**32**	Q	40-140	**94**	Q	40
Hexachlorobenzene	77		79		40-140	3		40
Hexachloroethane	47		56		40-140	17		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1925498-2 WG1925498-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		34		21-120
Phenol-d6	48		37		10-120
Nitrobenzene-d5	95		102		23-120
2-Fluorobiphenyl	74		79		15-120
2,4,6-Tribromophenol	107		55		10-120
4-Terphenyl-d14	94		92		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428793

Report Date: 06/07/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03 Batch: WG1929999-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	115		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	121		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	117		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	112		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	119		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	125		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	121		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	121		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	130		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	103		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	141		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	104		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	113		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	127		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	125		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	100		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	90		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	117		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	100		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	116		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	123		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	136		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428793

Report Date: 06/07/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03 Batch: WG1929999-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	128		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	124		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	122		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	134		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	100		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	85		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	73		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	104		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	118		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	110		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	116		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	116		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	120		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	115		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	111		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	119		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	99		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	86		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428793

Report Date: 06/07/24

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

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03 Batch: WG1929999-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	74				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	81				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	75				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	87				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	77				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	71				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	74				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	69				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	66				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	55				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	76				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	60				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	56				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	68				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	52				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	59				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	75				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	62				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	66				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	71				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	72				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03 Batch: WG1929999-3								
Perfluorobutanoic Acid (PFBA)	119		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	120		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	118		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	114		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	114		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	121		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	119		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	114		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	124		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	125		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	124		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	107		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	116		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	116		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	133		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	107		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	128		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	118		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	102		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	119		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	144		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	126		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428793

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03 Batch: WG1929999-3								
Perfluorotridecanoic Acid (PFTrDA)	136		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	124		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	120		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	121		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	123		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	81		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	75		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	126		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	124		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	113		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	116		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	134		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	118		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	102		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	106		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	125		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	98		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	93		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428793

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03 Batch: WG1929999-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	63				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	67				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	61				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	72				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	66				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	63				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	59				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	59				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	64				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	60				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	55				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	63				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	52				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	61				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	51				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	53				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	56				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	50				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	66				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	54				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	60				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	64				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	67				20-150

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-01
Client ID: MW-2
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 10:25
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/25/24 10:17
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/24/24 07:16
Cleanup Method: EPA 3665A
Cleanup Date: 05/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/24/24

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	101		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-02
Client ID: MW-3
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 11:25
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/25/24 10:26
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/24/24 07:16
Cleanup Method: EPA 3665A
Cleanup Date: 05/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/24/24

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-03
Client ID: MW-4
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 13:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/25/24 10:34
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/24/24 07:16
Cleanup Method: EPA 3665A
Cleanup Date: 05/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/24/24

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/24/24 13:09
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 05/24/24 05:18
Cleanup Method: EPA 3665A
Cleanup Date: 05/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/24/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1925304-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	120		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428793

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1925304-2 WG1925304-3									
Aroclor 1016	75		82		40-140	9		50	A
Aroclor 1260	72		80		40-140	11		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		80		30-150	A
Decachlorobiphenyl	88		97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		79		30-150	B
Decachlorobiphenyl	113		124		30-150	B

PESTICIDES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-01
Client ID: MW-2
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 10:25
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 05/28/24 08:52
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 05/27/24 15:02

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-01 Date Collected: 05/23/24 10:25

Client ID: MW-2 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-01
Client ID: MW-2
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 10:25
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 05/27/24 11:25
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 05/24/24 14:27

Methylation Date: 05/25/24 12:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	100		30-150	A
DCAA	95		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-02
Client ID: MW-3
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 11:25
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 05/25/24 11:33
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 05/24/24 07:19

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-02 Date Collected: 05/23/24 11:25

Client ID: MW-3 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-02
Client ID: MW-3
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 11:25
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 05/27/24 11:44
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 05/24/24 14:27

Methylation Date: 05/25/24 12:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	99		30-150	A
DCAA	96		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-03
Client ID: MW-4
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 13:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 05/25/24 11:45
Analyst: MMG

Extraction Method: EPA 3510C
Extraction Date: 05/24/24 07:19

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-03 Date Collected: 05/23/24 13:00

Client ID: MW-4 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 1681-1689 MAIN STREET
Lab Number: L2428793
Project Number: 4461.0001B002
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-03
Client ID: MW-4
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 13:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 05/27/24 12:02
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 05/24/24 14:27

Methylation Date: 05/25/24 12:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	92		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/24/24 05:46
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 05/23/24 07:40

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-03 Batch: WG1924816-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/24/24 05:46
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 05/23/24 07:40

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02-03 Batch: WG1924816-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 05/27/24 10:30
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 05/24/24 14:27

Methylation Date: 05/25/24 12:48

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1925554-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	86		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/28/24 08:18
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 05/27/24 09:48

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1926164-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A
4,4'-DDT	ND		ug/l	0.029	0.003	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/28/24 08:18
Analyst: AKM

Extraction Method: EPA 3510C
Extraction Date: 05/27/24 09:48

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1926164-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	87		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428793

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-03 Batch: WG1924816-2 WG1924816-3									
Delta-BHC	63		64		30-150	2		20	A
Lindane	66		67		30-150	0		20	A
Alpha-BHC	70		69		30-150	1		20	A
Beta-BHC	65		66		30-150	1		20	A
Heptachlor	66		66		30-150	0		20	A
Aldrin	69		69		30-150	0		20	A
Heptachlor epoxide	68		69		30-150	2		20	A
Endrin	71		72		30-150	2		20	A
Endrin aldehyde	55		59		30-150	6		20	A
Endrin ketone	65		68		30-150	4		20	A
Dieldrin	76		78		30-150	2		20	A
4,4'-DDE	72		73		30-150	2		20	A
4,4'-DDD	77		80		30-150	3		20	A
4,4'-DDT	70		72		30-150	2		20	A
Endosulfan I	69		70		30-150	2		20	A
Endosulfan II	73		75		30-150	3		20	A
Endosulfan sulfate	63		66		30-150	4		20	A
Methoxychlor	66		69		30-150	5		20	A
cis-Chlordane	65		66		30-150	1		20	A
trans-Chlordane	74		75		30-150	1		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428793

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02-03 Batch: WG1924816-2 WG1924816-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		63		30-150	A
Decachlorobiphenyl	37		40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		57		30-150	B
Decachlorobiphenyl	51		54		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428793

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1925554-2 WG1925554-3									
2,4-D	103		102		30-150	1		25	A
2,4,5-T	111		108		30-150	3		25	A
2,4,5-TP (Silvex)	102		101		30-150	1		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	95		98		30-150	A
DCAA	109		118		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428793

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1926164-2 WG1926164-3									
Delta-BHC	78		73		30-150	7		20	A
Lindane	82		76		30-150	8		20	A
Alpha-BHC	86		81		30-150	6		20	A
Beta-BHC	91		88		30-150	3		20	A
Heptachlor	82		76		30-150	8		20	A
Aldrin	82		77		30-150	7		20	A
Heptachlor epoxide	84		79		30-150	7		20	A
Endrin	86		81		30-150	5		20	A
Endrin aldehyde	85		81		30-150	5		20	A
Endrin ketone	95		91		30-150	5		20	A
Dieldrin	93		88		30-150	6		20	A
4,4'-DDE	85		80		30-150	6		20	A
4,4'-DDD	93		88		30-150	6		20	A
4,4'-DDT	90		89		30-150	1		20	A
Endosulfan I	84		80		30-150	5		20	A
Endosulfan II	92		85		30-150	8		20	A
Endosulfan sulfate	89		84		30-150	5		20	A
Methoxychlor	118		111		30-150	6		20	A
cis-Chlordane	79		75		30-150	5		20	A
trans-Chlordane	91		86		30-150	5		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428793

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1926164-2 WG1926164-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		69		30-150	A
Decachlorobiphenyl	97		94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		68		30-150	B
Decachlorobiphenyl	90		84		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-01 Date Collected: 05/23/24 10:25

Client ID: MW-2 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00885	J	mg/l	0.0100	0.00327	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Antimony, Dissolved	0.00048	J	mg/l	0.00400	0.00042	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Arsenic, Dissolved	0.00228		mg/l	0.00050	0.00016	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Barium, Dissolved	0.06955		mg/l	0.00050	0.00017	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Calcium, Dissolved	49.3		mg/l	0.100	0.0394	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Cobalt, Dissolved	0.00016	J	mg/l	0.00050	0.00016	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Copper, Dissolved	0.00064	J	mg/l	0.00100	0.00038	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Iron, Dissolved	0.0344	J	mg/l	0.0500	0.0191	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Magnesium, Dissolved	68.6		mg/l	0.0700	0.0242	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Manganese, Dissolved	0.03033		mg/l	0.00100	0.00044	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/24/24 20:43	05/25/24 14:28	EPA 7470A	1,7470A	DJR
Nickel, Dissolved	0.00057	J	mg/l	0.00200	0.00055	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Potassium, Dissolved	4.30		mg/l	0.100	0.0309	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Sodium, Dissolved	51.3		mg/l	0.100	0.0293	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/24/24 18:25	05/25/24 15:11	EPA 3005A	1,6020B	MRC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-02
Client ID: MW-3
Sample Location: BUFFALO, NY
Sample Depth:
Matrix: Water

Date Collected: 05/23/24 11:25
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00984	J	mg/l	0.0100	0.00327	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Antimony, Dissolved	0.00063	J	mg/l	0.00400	0.00042	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Arsenic, Dissolved	0.00095		mg/l	0.00050	0.00016	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Barium, Dissolved	0.1104		mg/l	0.00050	0.00017	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Calcium, Dissolved	33.3		mg/l	0.100	0.0394	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Iron, Dissolved	0.0272	J	mg/l	0.0500	0.0191	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Magnesium, Dissolved	51.6		mg/l	0.0700	0.0242	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Manganese, Dissolved	0.02247		mg/l	0.00100	0.00044	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/24/24 20:43	05/25/24 14:31	EPA 7470A	1,7470A	DJR
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Potassium, Dissolved	3.82		mg/l	0.100	0.0309	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Sodium, Dissolved	20.8		mg/l	0.100	0.0293	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/24/24 18:25	05/25/24 15:15	EPA 3005A	1,6020B	MRC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428793-03
Client ID: MW-4
Sample Location: BUFFALO, NY
Sample Depth:
Matrix: Water

Date Collected: 05/23/24 13:00
Date Received: 05/23/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0117		mg/l	0.0100	0.00327	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Arsenic, Dissolved	0.00148		mg/l	0.00050	0.00016	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Barium, Dissolved	0.06335		mg/l	0.00050	0.00017	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Calcium, Dissolved	32.2		mg/l	0.100	0.0394	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Iron, Dissolved	0.0321	J	mg/l	0.0500	0.0191	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Magnesium, Dissolved	20.8		mg/l	0.0700	0.0242	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Manganese, Dissolved	0.01264		mg/l	0.00100	0.00044	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/24/24 20:43	05/25/24 14:34	EPA 7470A	1,7470A	DJR
Nickel, Dissolved	0.00080	J	mg/l	0.00200	0.00055	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Potassium, Dissolved	1.58		mg/l	0.100	0.0309	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Sodium, Dissolved	53.9		mg/l	0.100	0.0293	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Thallium, Dissolved	0.00026	J	mg/l	0.00100	0.00014	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/24/24 18:25	05/25/24 15:29	EPA 3005A	1,6020B	MRC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428793

Project Number: 4461.0001B002 **Report Date:** 06/07/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1925502-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Calcium, Dissolved	0.0447	J	mg/l	0.100	0.0394	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1925505-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/24/24 20:43	05/25/24 13:52	1,7470A	DJR

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428793
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428793

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1925502-2								
Aluminum, Dissolved	94		-		80-120	-		
Antimony, Dissolved	88		-		80-120	-		
Arsenic, Dissolved	101		-		80-120	-		
Barium, Dissolved	97		-		80-120	-		
Beryllium, Dissolved	101		-		80-120	-		
Cadmium, Dissolved	100		-		80-120	-		
Calcium, Dissolved	90		-		80-120	-		
Chromium, Dissolved	100		-		80-120	-		
Cobalt, Dissolved	100		-		80-120	-		
Copper, Dissolved	104		-		80-120	-		
Iron, Dissolved	108		-		80-120	-		
Lead, Dissolved	96		-		80-120	-		
Magnesium, Dissolved	96		-		80-120	-		
Manganese, Dissolved	100		-		80-120	-		
Nickel, Dissolved	104		-		80-120	-		
Potassium, Dissolved	95		-		80-120	-		
Selenium, Dissolved	100		-		80-120	-		
Silver, Dissolved	98		-		80-120	-		
Sodium, Dissolved	98		-		80-120	-		
Thallium, Dissolved	103		-		80-120	-		
Vanadium, Dissolved	97		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428793

Report Date: 06/07/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1925502-2					
Zinc, Dissolved	104	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1925505-2					
Mercury, Dissolved	102	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1925502-3 WG1925502-4 QC Sample: L2427888-01 Client ID: MS Sample												
Aluminum, Dissolved	0.005J	2	1.96	98		1.90	95		75-125	3		20
Antimony, Dissolved	ND	0.5	0.5147	103		0.5251	105		75-125	2		20
Arsenic, Dissolved	0.0042	0.12	0.1266	102		0.1261	102		75-125	0		20
Barium, Dissolved	0.1067	2	2.122	101		2.136	101		75-125	1		20
Beryllium, Dissolved	0.0004J	0.05	0.05299	106		0.05431	109		75-125	2		20
Cadmium, Dissolved	ND	0.053	0.05560	105		0.05439	103		75-125	2		20
Calcium, Dissolved	69.9	10	78.5	86		76.0	**61**	Q	75-125	3		20
Chromium, Dissolved	0.0006J	0.2	0.2060	103		0.2057	103		75-125	0		20
Cobalt, Dissolved	0.0007	0.5	0.5132	102		0.5106	102		75-125	1		20
Copper, Dissolved	ND	0.25	0.2646	106		0.2594	104		75-125	2		20
Iron, Dissolved	33.6	1	34.8	120		34.1	**50**	Q	75-125	2		20
Lead, Dissolved	ND	0.53	0.5316	100		0.5453	103		75-125	3		20
Magnesium, Dissolved	12.8	10	22.5	97		22.3	95		75-125	1		20
Manganese, Dissolved	1.692	0.5	2.169	95		2.115	85		75-125	3		20
Nickel, Dissolved	0.0026	0.5	0.5151	102		0.5281	105		75-125	2		20
Potassium, Dissolved	22.4	10	31.5	91		31.2	88		75-125	1		20
Selenium, Dissolved	ND	0.12	0.118	98		0.127	106		75-125	7		20
Silver, Dissolved	ND	0.05	0.05095	102		0.05253	105		75-125	3		20
Sodium, Dissolved	39.4	10	47.3	79		45.6	**62**	Q	75-125	4		20
Thallium, Dissolved	0.0002J	0.12	0.1163	97		0.1210	101		75-125	4		20
Vanadium, Dissolved	ND	0.5	0.4999	100		0.5021	100		75-125	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1925502-3 WG1925502-4 QC Sample: L2427888-01 Client ID: MS Sample									
Zinc, Dissolved	ND	0.5	0.5217	104	0.5216	104	75-125	0	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1925502-7 WG1925502-8 QC Sample: L2427888-05 Client ID: MS Sample											
Aluminum, Dissolved	0.004J	2	1.82	91		1.88	94		75-125	3	20
Antimony, Dissolved	ND	0.5	0.5058	101		0.5188	104		75-125	3	20
Arsenic, Dissolved	0.0041	0.12	0.1216	98		0.1254	101		75-125	3	20
Barium, Dissolved	0.1098	2	2.076	98		2.157	102		75-125	4	20
Beryllium, Dissolved	0.0004J	0.05	0.05171	103		0.05293	106		75-125	2	20
Cadmium, Dissolved	ND	0.053	0.05313	100		0.05510	104		75-125	4	20
Calcium, Dissolved	68.8	10	73.4	**46**	Q	74.8	**60**	Q	75-125	2	20
Chromium, Dissolved	0.0008J	0.2	0.2008	100		0.2020	101		75-125	1	20
Cobalt, Dissolved	0.0008	0.5	0.5010	100		0.5060	101		75-125	1	20
Copper, Dissolved	ND	0.25	0.2530	101		0.2672	107		75-125	5	20
Iron, Dissolved	33.4	1	33.0	**0**	Q	33.8	**40**	Q	75-125	2	20
Lead, Dissolved	ND	0.53	0.5230	99		0.5439	103		75-125	4	20
Magnesium, Dissolved	12.6	10	21.5	89		21.9	93		75-125	2	20
Manganese, Dissolved	1.651	0.5	2.072	84		2.099	90		75-125	1	20
Nickel, Dissolved	0.0027	0.5	0.5066	101		0.5217	104		75-125	3	20
Potassium, Dissolved	22.2	10	29.8	76		30.3	81		75-125	2	20
Selenium, Dissolved	ND	0.12	0.118	98		0.118	98		75-125	0	20
Silver, Dissolved	ND	0.05	0.05068	101		0.05056	101		75-125	0	20
Sodium, Dissolved	38.2	10	43.8	**56**	Q	45.3	**71**	Q	75-125	3	20
Thallium, Dissolved	0.0003J	0.12	0.1131	94		0.1201	100		75-125	6	20
Vanadium, Dissolved	ND	0.5	0.4873	97		0.4795	96		75-125	2	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1925502-7 WG1925502-8 QC Sample: L2427888-05 Client ID: MS Sample									
Zinc, Dissolved	ND	0.5	0.5056	101	0.5161	103	75-125	2	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1925505-3 QC Sample: L2427959-14 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00494	99	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428793

Report Date: 06/07/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1925505-4 QC Sample: L2427959-14 Client ID: DUP Sample						
Mercury, Dissolved	ND	ND	mg/l	NC		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428793-01A	Vial HCl preserved	B	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2428793-01B	Vial HCl preserved	B	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2428793-01C	Vial HCl preserved	B	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2428793-01D	Amber 100ml unpreserved	B	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2428793-01E	Amber 100ml unpreserved	B	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2428793-01F	Amber 120ml unpreserved	B	7	7	2.2	Y	Absent		NYTCL-8081(7)
L2428793-01G	Amber 120ml unpreserved	B	7	7	2.2	Y	Absent		NYTCL-8081(7)
L2428793-01H	Amber 120ml unpreserved	B	7	7	2.2	Y	Absent		NYTCL-8082-LVI(365)
L2428793-01J	Amber 120ml unpreserved	B	7	7	2.2	Y	Absent		NYTCL-8082-LVI(365)
L2428793-01K	Plastic 250ml unpreserved	B	7	7	2.2	Y	Absent		-
L2428793-01L	Amber 1000ml unpreserved	B	7	7	2.2	Y	Absent		HERB-APA(7)
L2428793-01M	Amber 1000ml unpreserved	B	7	7	2.2	Y	Absent		HERB-APA(7)
L2428793-01N	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-1633-DRAFT(28)
L2428793-01O	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-1633-DRAFT(28)
L2428793-01P	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-1633-DRAFT(28)
L2428793-01X	Plastic 120ml HNO3 preserved Filtrates	B	NA	NA	2.2	Y	Absent		K-6020S(180),CU-6020S(180),V-6020S(180),SE-6020S(180),MN-6020S(180),MG-6020S(180),CO-6020S(180),ZN-6020S(180),BE-6020S(180),CR-6020S(180),FE-6020S(180),CA-6020S(180),PB-6020S(180),BA-6020S(180),NI-6020S(180),TL-6020S(180),NA-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428793-02A	Vial HCl preserved	B	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2428793-02B	Vial HCl preserved	B	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2428793-02C	Vial HCl preserved	B	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2428793-02D	Amber 100ml unpreserved	B	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2428793-02E	Amber 100ml unpreserved	B	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2428793-02F	Amber 120ml unpreserved	B	7	7	2.2	Y	Absent		NYTCL-8081(7)
L2428793-02G	Amber 120ml unpreserved	B	7	7	2.2	Y	Absent		NYTCL-8081(7)
L2428793-02H	Amber 120ml unpreserved	B	7	7	2.2	Y	Absent		NYTCL-8082-LVI(365)
L2428793-02J	Amber 120ml unpreserved	B	7	7	2.2	Y	Absent		NYTCL-8082-LVI(365)
L2428793-02K	Plastic 250ml unpreserved	B	7	7	2.2	Y	Absent		-
L2428793-02L	Amber 1000ml unpreserved	B	7	7	2.2	Y	Absent		HERB-APA(7)
L2428793-02M	Amber 1000ml unpreserved	B	7	7	2.2	Y	Absent		HERB-APA(7)
L2428793-02N	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-1633-DRAFT(28)
L2428793-02O	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-1633-DRAFT(28)
L2428793-02P	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-1633-DRAFT(28)
L2428793-02X	Plastic 120ml HNO3 preserved Filtrates	B	NA	NA	2.2	Y	Absent		CU-6020S(180),V-6020S(180),K-6020S(180),SE-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),ZN-6020S(180),MG-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),PB-6020S(180),TL-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2428793-03A	Vial HCl preserved	B	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2428793-03B	Vial HCl preserved	B	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2428793-03C	Vial HCl preserved	B	NA		2.2	Y	Absent		NYTCL-8260-R2(14)
L2428793-03D	Amber 100ml unpreserved	B	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2428793-03E	Amber 100ml unpreserved	B	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2428793-03F	Amber 120ml unpreserved	B	7	7	2.2	Y	Absent		NYTCL-8081(7)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428793-03G	Amber 120ml unpreserved	B	7	7	2.2	Y	Absent		NYTCL-8081(7)
L2428793-03H	Amber 120ml unpreserved	B	7	7	2.2	Y	Absent		NYTCL-8082-LVI(365)
L2428793-03J	Amber 120ml unpreserved	B	7	7	2.2	Y	Absent		NYTCL-8082-LVI(365)
L2428793-03K	Plastic 250ml unpreserved	B	7	7	2.2	Y	Absent		-
L2428793-03L	Amber 1000ml unpreserved	B	7	7	2.2	Y	Absent		HERB-APA(7)
L2428793-03M	Amber 1000ml unpreserved	B	7	7	2.2	Y	Absent		HERB-APA(7)
L2428793-03N	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-1633-DRAFT(28)
L2428793-03O	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-1633-DRAFT(28)
L2428793-03P	Plastic 500ml unpreserved	A	NA		3.5	Y	Absent		A2-1633-DRAFT(28)
L2428793-03X	Plastic 120ml HNO3 preserved Filtrates	B	NA	NA	2.2	Y	Absent		K-6020S(180),CU-6020S(180),V-6020S(180),SE-6020S(180),MN-6020S(180),MG-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),PB-6020S(180),NI-6020S(180),TL-6020S(180),BA-6020S(180),NA-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2428793
Project Number:	4461.0001B002	**Report Date:**	06/07/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2428793
Project Number:	4461.0001B002	**Report Date:**	06/07/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2428793
Project Number:	4461.0001B002	**Report Date:**	06/07/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2428793
Project Number:	4461.0001B002	**Report Date:**	06/07/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA

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Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/24/24

ALPHA Job #: L2428793

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: amunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project # 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☒ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
2 Day TAT for all except PFAS, CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260+TICs	NYTCL-8270+TICs	NYTCL-8082	Pests	Herbs	Dissolved metals + dissolved mercury	1,4-1633 PFAS	Total Bottle	Sample Specific Comments
28793-01	MW-2	5-23-24	1025	water	CEH	X	X	X	X	X	X	X		
-02	MW-3	5-23-24	1125	water	CEH	X	X	X	X	X	X	X		
03	MW-4	5-23-24	1300	water	CEH	X	X	X	X	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Christa Hardcastle	5-23-24/1500	C. Quigley Pace	5-23-24 1500
C. Quigley Pace	5-23-24 1500		5/24/24 0035

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2438778
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	07/17/24

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2438778
Report Date: 07/17/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2438778-01	MW-5	WATER	BUFFALO, NY	07/10/24 10:00	07/10/24
L2438778-02	MW-6	WATER	BUFFALO, NY	07/10/24 09:00	07/10/24
L2438778-03	MW-7	WATER	BUFFALO, NY	07/10/24 10:55	07/10/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2438778
Project Number:	4461.0001B002	**Report Date:**	07/17/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2438778
Project Number:	4461.0001B002	**Report Date:**	07/17/24

Case Narrative (continued)

Report Submission

July 17, 2024: This final report includes the results of all requested analyses.

July 12, 2024: This is a preliminary report.

July 11, 2024: This is a preliminary report.

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

Dissolved Metals

The WG1946032-3 MS recoveries for calcium (270%) and sodium (74%), performed on L2438778-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1946032-4 Laboratory Duplicate RPD for aluminum (24%), performed on L2438778-01, is above the acceptance criteria; however, the sample and duplicate results are less than five times the reporting limit. Therefore, the RPD is valid.

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 07/17/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-01
Client ID: MW-5
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 10:00
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/11/24 10:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.18	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	6.4		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	9.1		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-01 Date Collected: 07/10/24 10:00

Client ID: MW-5 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds				
Total TIC Compounds	15.1	J	ug/l	1
Unknown	15.1	J	ug/l	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-01 Date Collected: 07/10/24 10:00

Client ID: MW-5 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	114		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-02 D
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 09:00
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/11/24 11:15
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	ND		ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	ND		ug/l	10	3.2	20
Toluene	ND		ug/l	50	14.	20
Ethylbenzene	ND		ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	ND		ug/l	50	14.	20
Vinyl chloride	94		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	10		ug/l	10	3.4	20
trans-1,2-Dichloroethene	53		ug/l	50	14.	20
Trichloroethene	3000		ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-02 D Date Collected: 07/10/24 09:00
Client ID: MW-6 Date Received: 07/10/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20
Methyl tert butyl ether	ND		ug/l	50	3.3	20
p/m-Xylene	ND		ug/l	50	14.	20
o-Xylene	ND		ug/l	50	14.	20
cis-1,2-Dichloroethene	1600		ug/l	50	14.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	ND		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
n-Butylbenzene	ND		ug/l	50	14.	20
sec-Butylbenzene	ND		ug/l	50	14.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Isopropylbenzene	ND		ug/l	50	14.	20
p-Isopropyltoluene	ND		ug/l	50	14.	20
n-Propylbenzene	ND		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
1,3,5-Trimethylbenzene	ND		ug/l	50	14.	20
1,2,4-Trimethylbenzene	ND		ug/l	50	14.	20
Methyl Acetate	ND		ug/l	40	4.7	20
Cyclohexane	ND		ug/l	200	5.4	20
1,4-Dioxane	ND		ug/l	5000	1200	20
Freon-113	ND		ug/l	50	14.	20
Methyl cyclohexane	ND		ug/l	200	7.9	20

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/l	20

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-02 D
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 09:00
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	112		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-03
Client ID: MW-7
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 10:55
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/11/24 10:50
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.92		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-03 Date Collected: 07/10/24 10:55

Client ID: MW-7 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.3	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	3.6	J	ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds				
Total TIC Compounds	1.50	J	ug/l	1
Sulfur Dioxide	1.50	NJ	ug/l	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-03 Date Collected: 07/10/24 10:55

Client ID: MW-7 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	115		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/11/24 09:08
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1945837-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/11/24 09:08
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1945837-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/11/24 09:08
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1945837-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	110		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1945837-3 WG1945837-4								
Methylene chloride	100		98		70-130	2		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		98		63-132	2		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	92		91		63-130	1		20
1,1,2-Trichloroethane	99		96		70-130	3		20
Tetrachloroethene	95		94		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	150		150		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	100		98		67-130	2		20
trans-1,3-Dichloropropene	92		91		70-130	1		20
cis-1,3-Dichloropropene	91		92		70-130	1		20
Bromoform	76		76		54-136	0		20
1,1,2,2-Tetrachloroethane	91		92		67-130	1		20
Benzene	100		100		70-130	0		20
Toluene	99		97		70-130	2		20
Ethylbenzene	100		99		70-130	1		20
Chloromethane	110		110		64-130	0		20
Bromomethane	100		100		39-139	0		20
Vinyl chloride	130		130		55-140	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1945837-3 WG1945837-4								
Chloroethane	**180**	Q	**180**	Q	55-138	0		20
1,1-Dichloroethene	**160**	Q	**150**	Q	61-145	6		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	95		93		63-130	2		20
p/m-Xylene	105		100		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	98		94		58-148	4		20
Carbon disulfide	**150**	Q	**140**	Q	51-130	7		20
2-Butanone	97		94		63-138	3		20
4-Methyl-2-pentanone	81		80		59-130	1		20
2-Hexanone	84		80		57-130	5		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	89		98		70-130	10		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	83		82		41-144	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1945837-3 WG1945837-4								
Isopropylbenzene	96		96		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	92		92		70-130	0		20
1,2,4-Trichlorobenzene	90		90		70-130	0		20
1,3,5-Trimethylbenzene	97		95		64-130	2		20
1,2,4-Trimethylbenzene	94		94		70-130	0		20
Methyl Acetate	87		86		70-130	1		20
Cyclohexane	100		100		70-130	0		20
1,4-Dioxane	82		84		56-162	2		20
Freon-113	**160**	Q	**160**	Q	70-130	0		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		106		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	93		93		70-130
Dibromofluoromethane	102		102		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-01
Client ID: MW-5
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 10:00
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/11/24 11:13
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 07/11/24 05:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-01 Date Collected: 07/10/24 10:00

Client ID: MW-5 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	25		21-120
Phenol-d6	18		10-120
Nitrobenzene-d5	40		23-120
2-Fluorobiphenyl	43		15-120
2,4,6-Tribromophenol	33		10-120
4-Terphenyl-d14	46		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-01
Client ID: MW-5
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 10:00
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/11/24 11:37
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/11/24 05:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-01 Date Collected: 07/10/24 10:00

Client ID: MW-5 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	41		10-120
4-Terphenyl-d14	62		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-01
Client ID: MW-5
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 10:00
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 07/15/24 17:10
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 07/15/24 05:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	4.04	J	ng/l	6.06	0.970	1
Perfluoropentanoic Acid (PFPeA)	0.910	J	ng/l	3.03	0.811	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.52	0.508	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.06	1.58	1
Perfluorohexanoic Acid (PFHxA)	0.531	JF	ng/l	1.52	0.447	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.52	0.265	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.52	0.303	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.52	0.364	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.52	0.660	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.06	2.05	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.52	0.409	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.52	0.478	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.52	0.690	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.52	0.614	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.06	2.36	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.52	0.470	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.52	0.826	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.52	0.660	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.52	0.349	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.52	0.409	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.52	0.819	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.52	0.697	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.52	0.569	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.52	0.402	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.06	0.849	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.06	0.955	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.52	0.576	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-01 Date Collected: 07/10/24 10:00

Client ID: MW-5 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.06	1.25	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.06	1.25	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.52	0.660	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.52	0.697	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.2	3.56	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.2	1.86	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.03	0.432	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.03	0.402	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.03	0.334	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.03	1.79	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.58	2.50	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.9	8.87	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.9	5.98	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-01 Date Collected: 07/10/24 10:00

Client ID: MW-5 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88		41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	80		29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87		41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	150		10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	94		27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85		39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	123		10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93		38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	92		32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84		28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	98		10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	77		10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	90		16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	87		14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84		10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	94		10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	80		10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	90		35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	68		11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	70		11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	83		10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	86		10-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-02
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 09:00
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/11/24 12:50
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 07/11/24 05:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-02 Date Collected: 07/10/24 09:00

Client ID: MW-6 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1
Tentatively Identified Compounds						
Total TIC Compounds	140	J	ug/l			1
Trichloroethene	140	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	22		21-120
Phenol-d6	15		10-120
Nitrobenzene-d5	28		23-120
2-Fluorobiphenyl	31		15-120
2,4,6-Tribromophenol	31		10-120
4-Terphenyl-d14	**33**	Q	41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-02
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 09:00
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/11/24 11:54
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/11/24 05:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-02 Date Collected: 07/10/24 09:00

Client ID: MW-6 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	109		23-120
2-Fluorobiphenyl	98		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	116		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-02
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 09:00
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 07/15/24 17:22
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 07/15/24 05:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	4.02	J	ng/l	6.19	0.990	1
Perfluoropentanoic Acid (PFPeA)	1.56	J	ng/l	3.09	0.828	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.55	0.518	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.19	1.62	1
Perfluorohexanoic Acid (PFHxA)	0.781	J	ng/l	1.55	0.456	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.55	0.271	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.55	0.309	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.55	0.371	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.55	0.673	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.19	2.09	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.55	0.418	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.55	0.487	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.55	0.704	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.55	0.627	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.19	2.41	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.55	0.480	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.55	0.843	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.55	0.673	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.55	0.356	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.55	0.418	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.55	0.836	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.55	0.712	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.55	0.580	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.55	0.410	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.19	0.866	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.19	0.975	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.55	0.588	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-02 Date Collected: 07/10/24 09:00

Client ID: MW-6 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.19	1.28	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.19	1.28	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.55	0.673	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.55	0.712	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.5	3.64	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.5	1.90	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.09	0.441	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.09	0.410	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.09	0.340	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.09	1.83	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.74	2.55	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	38.7	9.05	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	38.7	6.10	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-02 Date Collected: 07/10/24 09:00

Client ID: MW-6 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85		29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95		41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	122		10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	87		40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91		27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	87		39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	101		10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	95		32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83		28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88		10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	77		10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83		16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	85		14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	80		10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	80		10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	77		10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85		35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	70		11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	73		11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	85		10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	85		10-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-03
Client ID: MW-7
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 10:55
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/11/24 11:59
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 07/11/24 05:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-03 Date Collected: 07/10/24 10:55

Client ID: MW-7 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1
Tentatively Identified Compounds						
Total TIC Compounds	4.00	J	ug/l			1
Unknown Organic Acid	4.00	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	67		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-03
Client ID: MW-7
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 10:55
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/11/24 12:10
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/11/24 05:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-03 Date Collected: 07/10/24 10:55

Client ID: MW-7 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	88		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-03
Client ID: MW-7
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 10:55
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 07/15/24 17:35
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 07/15/24 05:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	5.96		ng/l	5.87	0.939	1
Perfluoropentanoic Acid (PFPeA)	4.16		ng/l	2.93	0.785	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.47	0.491	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.87	1.53	1
Perfluorohexanoic Acid (PFHxA)	1.69		ng/l	1.47	0.433	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.47	0.257	1
Perfluoroheptanoic Acid (PFHpA)	0.359	J	ng/l	1.47	0.293	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.47	0.352	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.47	0.638	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.87	1.98	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.47	0.396	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.47	0.462	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.47	0.668	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.47	0.594	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.87	2.28	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.47	0.455	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.47	0.800	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.47	0.638	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.47	0.337	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.47	0.396	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.47	0.792	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.47	0.675	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.47	0.550	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.47	0.389	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.87	0.822	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.87	0.924	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.47	0.558	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-03 Date Collected: 07/10/24 10:55

Client ID: MW-7 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.87	1.21	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.87	1.21	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.47	0.638	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.47	0.675	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.7	3.45	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.7	1.80	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.93	0.418	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.93	0.389	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.93	0.323	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.93	1.73	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.34	2.42	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.7	8.58	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.7	5.79	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-03 Date Collected: 07/10/24 10:55

Client ID: MW-7 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88		41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85		29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	151		10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	106		27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	89		46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	86		39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	146		10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	95		32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	85		28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	95		10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	90		10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	89		16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	97		14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	97		10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	100		10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	97		10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89		35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	76		11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	77		11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	98		10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	101		10-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/11/24 00:01
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/10/24 15:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1945432-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/11/24 00:01
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/10/24 15:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1945432-1					
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2438778
Report Date: 07/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/11/24 00:01
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 07/10/24 15:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1945432-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	67		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2438778
Report Date: 07/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/11/24 10:33
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/10/24 15:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1945439-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/11/24 10:33
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/10/24 15:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1945439-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	85		41-149

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/15/24 12:17
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 07/15/24 05:49

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-03 Batch: WG1946867-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.67
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.280
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.496
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.896
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.01
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.608

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/15/24 12:17
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 07/15/24 05:49

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-03 Batch: WG1946867-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.32
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	1.32
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.696
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.736
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	3.76
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.96
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.456
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.424
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.352
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	1.89
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.64
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	9.36
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	6.31

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/15/24 12:17
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 07/15/24 05:49

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-03 Batch: WG1946867-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92		41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97		29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92		41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	100		10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91		40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	91		27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	93		39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86		10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93		38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	103		32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	91		28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	100		10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	96		10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	88		16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	92		14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	94		10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	80		10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	73		10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	97		35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	58		11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	66		11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	96		10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	98		10-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1945432-2 WG1945432-3								
Bis(2-chloroethyl)ether	63		55		40-140	14		30
3,3'-Dichlorobenzidine	74		63		40-140	16		30
2,4-Dinitrotoluene	73		64		48-143	13		30
2,6-Dinitrotoluene	71		66		40-140	7		30
4-Chlorophenyl phenyl ether	68		64		40-140	6		30
4-Bromophenyl phenyl ether	72		64		40-140	12		30
Bis(2-chloroisopropyl)ether	56		49		40-140	13		30
Bis(2-chloroethoxy)methane	63		58		40-140	8		30
Hexachlorocyclopentadiene	46		42		40-140	9		30
Isophorone	57		58		40-140	2		30
Nitrobenzene	64		56		40-140	13		30
NDPA/DPA	69		66		40-140	4		30
n-Nitrosodi-n-propylamine	62		51		29-132	19		30
Bis(2-ethylhexyl)phthalate	65		60		40-140	8		30
Butyl benzyl phthalate	73		66		40-140	10		30
Di-n-butylphthalate	68		62		40-140	9		30
Di-n-octylphthalate	66		61		40-140	8		30
Diethyl phthalate	69		63		40-140	9		30
Dimethyl phthalate	72		66		40-140	9		30
Biphenyl	58		55		40-140	5		30
4-Chloroaniline	58		56		40-140	4		30
2-Nitroaniline	71		68		52-143	4		30
3-Nitroaniline	64		62		25-145	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1945432-2 WG1945432-3								
4-Nitroaniline	73		72		51-143	1		30
Dibenzofuran	64		61		40-140	5		30
1,2,4,5-Tetrachlorobenzene	57		51		2-134	11		30
Acetophenone	60		55		39-129	9		30
2,4,6-Trichlorophenol	68		65		30-130	5		30
p-Chloro-m-cresol	69		67		23-97	3		30
2-Chlorophenol	64		57		27-123	12		30
2,4-Dichlorophenol	69		64		30-130	8		30
2,4-Dimethylphenol	70		61		30-130	14		30
2-Nitrophenol	65		63		30-130	3		30
4-Nitrophenol	42		39		10-80	7		30
2,4-Dinitrophenol	51		45		20-130	13		30
4,6-Dinitro-o-cresol	67		63		20-164	6		30
Phenol	31		28		12-110	10		30
2-Methylphenol	60		51		30-130	16		30
3-Methylphenol/4-Methylphenol	62		51		30-130	19		30
2,4,5-Trichlorophenol	75		66		30-130	13		30
Carbazole	69		62		55-144	11		30
Atrazine	68		63		40-140	8		30
Benzaldehyde	55		49		40-140	12		30
Caprolactam	20		20		10-130	0		30
2,3,4,6-Tetrachlorophenol	74		68		40-140	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1945432-2 WG1945432-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	50		36		21-120
Phenol-d6	33		28		10-120
Nitrobenzene-d5	62		54		23-120
2-Fluorobiphenyl	67		59		15-120
2,4,6-Tribromophenol	78		74		10-120
4-Terphenyl-d14	70		59		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1945439-2 WG1945439-3								
Acenaphthene	72		65		40-140	10		40
2-Chloronaphthalene	70		63		40-140	11		40
Fluoranthene	81		76		40-140	6		40
Hexachlorobutadiene	50		47		40-140	6		40
Naphthalene	62		56		40-140	10		40
Benzo(a)anthracene	73		66		40-140	10		40
Benzo(a)pyrene	84		77		40-140	9		40
Benzo(b)fluoranthene	82		71		40-140	14		40
Benzo(k)fluoranthene	78		76		40-140	3		40
Chrysene	71		66		40-140	7		40
Acenaphthylene	80		73		40-140	9		40
Anthracene	75		69		40-140	8		40
Benzo(ghi)perylene	80		74		40-140	8		40
Fluorene	77		70		40-140	10		40
Phenanthrene	73		66		40-140	10		40
Dibenzo(a,h)anthracene	90		81		40-140	11		40
Indeno(1,2,3-cd)pyrene	89		80		40-140	11		40
Pyrene	82		76		40-140	8		40
2-Methylnaphthalene	70		62		40-140	12		40
Pentachlorophenol	67		60		40-140	11		40
Hexachlorobenzene	62		56		40-140	10		40
Hexachloroethane	57		52		40-140	9		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1945439-2 WG1945439-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		47		21-120
Phenol-d6	41		36		10-120
Nitrobenzene-d5	87		74		23-120
2-Fluorobiphenyl	74		65		15-120
2,4,6-Tribromophenol	66		59		10-120
4-Terphenyl-d14	85		75		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03 Batch: WG1946867-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	97		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	99		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	96		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	91		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	96		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	111		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	98		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	104		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	100		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	98		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	93		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	93		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	102		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	93		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	107		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	91		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	101		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	107		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	87		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	93		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	94		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	98		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2438778
Report Date: 07/17/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03 Batch: WG1946867-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	97		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	93		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	96		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	101		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	72		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	116		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	98		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	91		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	88		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	112		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	107		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	104		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	90		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	100		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	114		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	90		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	79		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	64		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03 Batch: WG1946867-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	95				41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	105				29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96				41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	102				10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	95				40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96				27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91				46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	92				39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	87				10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89				38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	99				32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	92				28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	104				10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	89				10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	86				16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	93				14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	92				10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	86				10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	76				10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	97				35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	62				11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	68				11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	93				10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	96				10-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03 Batch: WG1946867-3								
Perfluorobutanoic Acid (PFBA)	99		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	99		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	100		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	101		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	100		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	109		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	99		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	98		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	94		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	101		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	98		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	81		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	90		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	98		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	111		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	93		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	104		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	99		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	87		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	93		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	102		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	98		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03 Batch: WG1946867-3								
Perfluorotridecanoic Acid (PFTrDA)	98		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	101		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	97		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	100		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	71		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	111		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	97		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	108		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	103		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	114		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	114		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	97		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	95		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	100		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	122		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	97		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	95		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	83		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03 Batch: WG1946867-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94				41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93				29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91				41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	97				10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84				40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87				27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91				46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	92				39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	90				10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94				38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	101				32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	93				28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	94				10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	88				10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	85				16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	95				14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	94				10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	85				10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	74				10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89				35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	64				11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	66				11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	96				10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	96				10-130

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-01
Client ID: MW-5
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 10:00
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/11/24 11:07
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 07/11/24 05:47
Cleanup Method: EPA 3665A
Cleanup Date: 07/11/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/11/24

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	108		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	108		30-150	B
Decachlorobiphenyl	133		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-02
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 09:00
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/11/24 11:16
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 07/11/24 05:47
Cleanup Method: EPA 3665A
Cleanup Date: 07/11/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/11/24

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	114		30-150	A
Decachlorobiphenyl	106		30-150	A
2,4,5,6-Tetrachloro-m-xylene	106		30-150	B
Decachlorobiphenyl	148		30-150	B

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-03
Client ID: MW-7
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 10:55
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/11/24 11:26
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 07/11/24 05:47
Cleanup Method: EPA 3665A
Cleanup Date: 07/11/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/11/24

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	131		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2438778
Report Date: 07/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/11/24 10:39
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 07/11/24 05:47
Cleanup Method: EPA 3665A
Cleanup Date: 07/11/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/11/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1945632-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	108		30-150	A
Decachlorobiphenyl	107		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	148		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1945632-2 WG1945632-3									
Aroclor 1016	101		105		40-140	4		50	A
Aroclor 1260	96		98		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	105		108		30-150	A
Decachlorobiphenyl	108		108		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		106		30-150	B
Decachlorobiphenyl	143		**154**	Q	30-150	B

PESTICIDES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-01
Client ID: MW-5
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 10:00
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/11/24 18:40
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/11/24 05:45

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-01 Date Collected: 07/10/24 10:00

Client ID: MW-5 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-01
Client ID: MW-5
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 10:00
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/12/24 12:19
Analyst: SID

Extraction Method: EPA 8151A
Extraction Date: 07/11/24 12:45

Methylation Date: 07/12/24 01:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	**175**	Q	30-150	A
DCAA	116		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-02
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 09:00
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/11/24 18:51
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/11/24 05:45

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-02 Date Collected: 07/10/24 09:00

Client ID: MW-6 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-02
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 09:00
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/12/24 12:39
Analyst: SID

Extraction Method: EPA 8151A
Extraction Date: 07/11/24 12:45

Methylation Date: 07/12/24 01:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	117		30-150	A
DCAA	113		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-03
Client ID: MW-7
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 10:55
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 07/11/24 19:02
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 07/11/24 05:45

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-03 Date Collected: 07/10/24 10:55

Client ID: MW-7 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-03
Client ID: MW-7
Sample Location: BUFFALO, NY

Date Collected: 07/10/24 10:55
Date Received: 07/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 07/12/24 11:40
Analyst: SID

Extraction Method: EPA 8151A
Extraction Date: 07/11/24 12:45

Methylation Date: 07/12/24 01:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	132		30-150	A
DCAA	123		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/11/24 14:50
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 07/10/24 11:28

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1945337-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/11/24 14:50
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 07/10/24 11:28

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1945337-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/12/24 09:43
Analyst: SID

Extraction Method: EPA 8151A
Extraction Date: 07/11/24 12:45

Methylation Date: 07/12/24 01:54

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1945850-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	118		30-150	A
DCAA	112		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1945337-2 WG1945337-3									
Delta-BHC	66		64		30-150	4		20	A
Lindane	70		68		30-150	4		20	A
Alpha-BHC	63		62		30-150	2		20	A
Beta-BHC	71		68		30-150	4		20	A
Heptachlor	67		65		30-150	3		20	A
Aldrin	64		64		30-150	0		20	A
Heptachlor epoxide	66		63		30-150	4		20	A
Endrin	69		65		30-150	6		20	A
Endrin aldehyde	55		52		30-150	7		20	A
Endrin ketone	59		58		30-150	2		20	A
Dieldrin	71		67		30-150	5		20	A
4,4'-DDE	66		63		30-150	4		20	A
4,4'-DDD	71		68		30-150	4		20	A
4,4'-DDT	64		62		30-150	4		20	A
Endosulfan I	65		62		30-150	4		20	A
Endosulfan II	65		64		30-150	2		20	A
Endosulfan sulfate	57		56		30-150	2		20	A
Methoxychlor	70		66		30-150	6		20	A
cis-Chlordane	60		59		30-150	2		20	A
trans-Chlordane	71		68		30-150	4		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1945337-2 WG1945337-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		58		30-150	A
Decachlorobiphenyl	45		44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		62		30-150	B
Decachlorobiphenyl	49		48		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1945850-2 WG1945850-3									
2,4-D	112		112		30-150	0		25	A
2,4,5-T	113		115		30-150	2		25	A
2,4,5-TP (Silvex)	111		112		30-150	1		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	120		127		30-150	A
DCAA	143		143		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-01 Date Collected: 07/10/24 10:00

Client ID: MW-5 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0123		mg/l	0.0100	0.00327	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Arsenic, Dissolved	0.00055		mg/l	0.00050	0.00016	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Barium, Dissolved	0.05962		mg/l	0.00050	0.00017	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Calcium, Dissolved	148.		mg/l	0.100	0.0394	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Copper, Dissolved	0.00042	J	mg/l	0.00100	0.00038	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Iron, Dissolved	0.0246	J	mg/l	0.0500	0.0191	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Magnesium, Dissolved	94.7		mg/l	0.0700	0.0242	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.04186		mg/l	0.00100	0.00044	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Mercury, Dissolved	0.00011	J	mg/l	0.00020	0.00009	1	07/12/24 00:29	07/12/24 08:47	EPA 7470A	1,7470A	SMV
Nickel, Dissolved	0.00069	J	mg/l	0.00200	0.00055	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Potassium, Dissolved	5.72		mg/l	0.100	0.0309	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Sodium, Dissolved	46.0		mg/l	0.100	0.0293	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	07/12/24 00:25	07/12/24 06:30	EPA 3005A	1,6020B	EJF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-02 Date Collected: 07/10/24 09:00

Client ID: MW-6 Date Received: 07/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0109		mg/l	0.0100	0.00327	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF
Antimony, Dissolved	0.00124	J	mg/l	0.00400	0.00042	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF
Arsenic, Dissolved	0.00373		mg/l	0.00050	0.00016	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF
Barium, Dissolved	0.1061		mg/l	0.00050	0.00017	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF
Calcium, Dissolved	86.1		mg/l	0.500	0.197	5	07/12/24 00:25	07/12/24 06:53	EPA 3005A	1,6020B	EJF
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF
Iron, Dissolved	0.0997		mg/l	0.0500	0.0191	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF
Lead, Dissolved	0.00037	J	mg/l	0.00100	0.00034	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF
Magnesium, Dissolved	89.8		mg/l	0.0700	0.0242	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.02660		mg/l	0.00100	0.00044	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF
Mercury, Dissolved	0.00011	J	mg/l	0.00020	0.00009	1	07/12/24 00:29	07/12/24 08:37	EPA 7470A	1,7470A	SMV
Nickel, Dissolved	0.00280		mg/l	0.00200	0.00055	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF
Potassium, Dissolved	3.22		mg/l	0.100	0.0309	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF
Sodium, Dissolved	414.		mg/l	0.500	0.146	5	07/12/24 00:25	07/12/24 06:53	EPA 3005A	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	07/12/24 00:25	07/12/24 06:20	EPA 3005A	1,6020B	EJF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

SAMPLE RESULTS

Lab ID: L2438778-03
Client ID: MW-7
Sample Location: BUFFALO, NY
Sample Depth:
Matrix: Water

Date Collected: 07/10/24 10:55
Date Received: 07/10/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0224		mg/l	0.0100	0.00327	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Antimony, Dissolved	0.00043	J	mg/l	0.00400	0.00042	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Arsenic, Dissolved	0.00405		mg/l	0.00050	0.00016	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Barium, Dissolved	0.09055		mg/l	0.00050	0.00017	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Calcium, Dissolved	37.9		mg/l	0.500	0.197	5	07/12/24 00:25	07/12/24 08:57	EPA 3005A	1,6020B	EJF
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Iron, Dissolved	0.0219	J	mg/l	0.0500	0.0191	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Magnesium, Dissolved	58.1		mg/l	0.0700	0.0242	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.03590		mg/l	0.00100	0.00044	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Mercury, Dissolved	0.00011	J	mg/l	0.00020	0.00009	1	07/12/24 00:29	07/12/24 08:51	EPA 7470A	1,7470A	SMV
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Potassium, Dissolved	2.10		mg/l	0.100	0.0309	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Sodium, Dissolved	50.3		mg/l	0.100	0.0293	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	07/12/24 00:25	07/12/24 06:25	EPA 3005A	1,6020B	EJF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2438778

Project Number: 4461.0001B002 **Report Date:** 07/17/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1946032-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	07/12/24 00:25	07/12/24 06:11	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1946033-1										
Mercury, Dissolved	0.00009	J	mg/l	0.00020	0.00009	1	07/12/24 00:29	07/12/24 08:31	1,7470A	SMV

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2438778
Report Date: 07/17/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1946032-2								
Aluminum, Dissolved	96		-		80-120	-		
Antimony, Dissolved	86		-		80-120	-		
Arsenic, Dissolved	102		-		80-120	-		
Barium, Dissolved	98		-		80-120	-		
Beryllium, Dissolved	103		-		80-120	-		
Cadmium, Dissolved	104		-		80-120	-		
Calcium, Dissolved	104		-		80-120	-		
Chromium, Dissolved	99		-		80-120	-		
Cobalt, Dissolved	102		-		80-120	-		
Copper, Dissolved	105		-		80-120	-		
Iron, Dissolved	110		-		80-120	-		
Lead, Dissolved	103		-		80-120	-		
Magnesium, Dissolved	98		-		80-120	-		
Manganese, Dissolved	97		-		80-120	-		
Nickel, Dissolved	102		-		80-120	-		
Potassium, Dissolved	95		-		80-120	-		
Selenium, Dissolved	101		-		80-120	-		
Silver, Dissolved	106		-		80-120	-		
Sodium, Dissolved	103		-		80-120	-		
Thallium, Dissolved	105		-		80-120	-		
Vanadium, Dissolved	96		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1946032-2					
Zinc, Dissolved	101	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1946033-2					
Mercury, Dissolved	104	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2438778
Report Date: 07/17/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1946032-3 QC Sample: L2438778-01 Client ID: MW-5												
Aluminum, Dissolved	0.0123	2	1.97	98		-	-		75-125	-		20
Antimony, Dissolved	ND	0.5	0.4924	98		-	-		75-125	-		20
Arsenic, Dissolved	0.00055	0.12	0.1217	101		-	-		75-125	-		20
Barium, Dissolved	0.05962	2	2.192	107		-	-		75-125	-		20
Beryllium, Dissolved	ND	0.05	0.05117	102		-	-		75-125	-		20
Cadmium, Dissolved	ND	0.053	0.05336	101		-	-		75-125	-		20
Calcium, Dissolved	148.	10	175	**270**	Q	-	-		75-125	-		20
Chromium, Dissolved	ND	0.2	0.1928	96		-	-		75-125	-		20
Cobalt, Dissolved	ND	0.5	0.4957	99		-	-		75-125	-		20
Copper, Dissolved	0.00042J	0.25	0.2548	102		-	-		75-125	-		20
Iron, Dissolved	0.0246J	1	1.06	106		-	-		75-125	-		20
Lead, Dissolved	ND	0.53	0.5718	108		-	-		75-125	-		20
Magnesium, Dissolved	94.7	10	103	83		-	-		75-125	-		20
Manganese, Dissolved	0.04186	0.5	0.5277	97		-	-		75-125	-		20
Nickel, Dissolved	0.00069J	0.5	0.5009	100		-	-		75-125	-		20
Potassium, Dissolved	5.72	10	15.9	102		-	-		75-125	-		20
Selenium, Dissolved	ND	0.12	0.114	95		-	-		75-125	-		20
Silver, Dissolved	ND	0.05	0.05230	105		-	-		75-125	-		20
Sodium, Dissolved	46.0	10	53.4	**74**	Q	-	-		75-125	-		20
Thallium, Dissolved	ND	0.12	0.1309	109		-	-		75-125	-		20
Vanadium, Dissolved	ND	0.5	0.4859	97		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2438778
Report Date: 07/17/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1946032-3 QC Sample: L2438778-01 Client ID: MW-5									
Zinc, Dissolved	ND	0.5	0.4671	93	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1946033-3 QC Sample: L2438778-02 Client ID: MW-6									
Mercury, Dissolved	0.00011J	0.005	0.00468	94	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2438778
Report Date: 07/17/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1946032-4 QC Sample: L2438778-01 Client ID: MW-5						
Aluminum, Dissolved	0.0123	0.0156	mg/l	**24**	Q	20
Antimony, Dissolved	ND	0.00063J	mg/l	NC		20
Arsenic, Dissolved	0.00055	0.00057	mg/l	5		20
Barium, Dissolved	0.05962	0.06035	mg/l	1		20
Beryllium, Dissolved	ND	ND	mg/l	NC		20
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Calcium, Dissolved	148.	148	mg/l	0		20
Chromium, Dissolved	ND	ND	mg/l	NC		20
Cobalt, Dissolved	ND	ND	mg/l	NC		20
Copper, Dissolved	0.00042J	0.00045J	mg/l	NC		20
Iron, Dissolved	0.0246J	0.0257J	mg/l	NC		20
Lead, Dissolved	ND	ND	mg/l	NC		20
Magnesium, Dissolved	94.7	97.6	mg/l	3		20
Manganese, Dissolved	0.04186	0.04183	mg/l	0		20
Nickel, Dissolved	0.00069J	0.00071J	mg/l	NC		20
Potassium, Dissolved	5.72	5.89	mg/l	3		20
Selenium, Dissolved	ND	ND	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Sodium, Dissolved	46.0	47.6	mg/l	3		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2438778

Report Date: 07/17/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1946032-4 QC Sample: L2438778-01 Client ID: MW-5					
Thallium, Dissolved	ND	ND	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	ND	ND	mg/l	NC	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1946033-4 QC Sample: L2438778-02 Client ID: MW-6					
Mercury, Dissolved	0.00011J	ND	mg/l	NC	20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2438778
Report Date: 07/17/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1946032-6 QC Sample: L2438778-01 Client ID: MW-5						
Barium, Dissolved	0.05962	0.06107	mg/l	2		20
Calcium, Dissolved	148.	160.	mg/l	8		20
Magnesium, Dissolved	94.7	88.9	mg/l	6		20
Manganese, Dissolved	0.04186	0.04464	mg/l	7		20
Potassium, Dissolved	5.72	5.97	mg/l	4		20
Sodium, Dissolved	46.0	41.0	mg/l	11		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2438778
Report Date: 07/17/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2438778-01A	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2438778-01B	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2438778-01C	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2438778-01D	Amber 100ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2438778-01E	Amber 100ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2438778-01F	Amber 120ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8081(7)
L2438778-01G	Amber 120ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8081(7)
L2438778-01H	Amber 120ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8082-LVI(365)
L2438778-01J	Amber 120ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8082-LVI(365)
L2438778-01K	Plastic 250ml unpreserved	B	7	7	4.6	Y	Absent		-
L2438778-01L	Amber 1000ml unpreserved	B	7	7	4.6	Y	Absent		HERB-APA(7)
L2438778-01M	Amber 1000ml unpreserved	B	7	7	4.6	Y	Absent		HERB-APA(7)
L2438778-01N	Plastic 500ml unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(28)
L2438778-01O	Plastic 500ml unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(28)
L2438778-01P	Plastic 500ml unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(28)
L2438778-01X	Plastic 120ml HNO3 preserved Filtrates	B	NA	NA	4.6	Y	Absent		SE-6020S(180),K-6020S(180),CU-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),MG-6020S(180),CO-6020S(180),ZN-6020S(180),FE-6020S(180),CR-6020S(180),CA-6020S(180),TL-6020S(180),BA-6020S(180),PB-6020S(180),NI-6020S(180),NA-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),AL-6020S(180),HG-S(28),CD-6020S(180)
L2438778-02A	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2438778
Report Date: 07/17/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2438778-02B	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2438778-02C	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2438778-02D	Amber 100ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2438778-02E	Amber 100ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2438778-02F	Amber 120ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8081(7)
L2438778-02G	Amber 120ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8081(7)
L2438778-02H	Amber 120ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8082-LVI(365)
L2438778-02J	Amber 120ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8082-LVI(365)
L2438778-02K	Plastic 250ml unpreserved	B	7	7	4.6	Y	Absent		-
L2438778-02L	Amber 1000ml unpreserved	B	7	7	4.6	Y	Absent		HERB-APA(7)
L2438778-02M	Amber 1000ml unpreserved	B	7	7	4.6	Y	Absent		HERB-APA(7)
L2438778-02N	Plastic 500ml unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(28)
L2438778-02O	Plastic 500ml unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(28)
L2438778-02P	Plastic 500ml unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(28)
L2438778-02X	Plastic 120ml HNO3 preserved Filtrates	B	NA	NA	4.6	Y	Absent		K-6020S(180),CU-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),MG-6020S(180),BE-6020S(180),CO-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),BA-6020S(180),NA-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L2438778-03A	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2438778-03B	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2438778-03C	Vial HCl preserved	B	NA		4.6	Y	Absent		NYTCL-8260-R2(14)
L2438778-03D	Amber 100ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2438778-03E	Amber 100ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2438778-03F	Amber 120ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8081(7)
L2438778-03G	Amber 120ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8081(7)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2438778
Report Date: 07/17/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2438778-03H	Amber 120ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8082-LVI(365)
L2438778-03J	Amber 120ml unpreserved	B	7	7	4.6	Y	Absent		NYTCL-8082-LVI(365)
L2438778-03K	Plastic 250ml unpreserved	B	7	7	4.6	Y	Absent		-
L2438778-03L	Amber 1000ml unpreserved	B	7	7	4.6	Y	Absent		HERB-APA(7)
L2438778-03M	Amber 1000ml unpreserved	B	7	7	4.6	Y	Absent		HERB-APA(7)
L2438778-03N	Plastic 500ml unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(28)
L2438778-03O	Plastic 500ml unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(28)
L2438778-03P	Plastic 500ml unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(28)
L2438778-03X	Plastic 120ml HNO3 preserved Filtrates	B	NA	NA	4.6	Y	Absent		SE-6020S(180),CU-6020S(180),V-6020S(180),K-6020S(180),MN-6020S(180),BE-6020S(180),ZN-6020S(180),CO-6020S(180),MG-6020S(180),FE-6020S(180),CR-6020S(180),CA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),BA-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2438778
Report Date: 07/17/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2438778
Report Date: 07/17/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2438778
Project Number:	4461.0001B002	**Report Date:**	07/17/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2438778
Project Number:	4461.0001B002	**Report Date:**	07/17/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2438778
Project Number:	4461.0001B002	**Report Date:**	07/17/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2438778
Project Number:	4461.0001B002	**Report Date:**	07/17/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 7/11/24

ALPHA Job #: L2438778

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: amunley@rouxinc.com

Project Information

Project Name: 1681 - 1689 Main Street
Project Location: Buffalo, NY
Project # 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date: 1 Day TAT
Rush (only if pre approved) ☒ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT B, 1 Day TAT for SVOCs, VOCs, Dissolved metals + Hg, and PCBs
Standard Turn for PFAs, Herbs + Pests

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260+TICs	NYTCL-8270+TICs	Pests	PCBs	Herbs	Dissolved metals Dissolved Hg	A2-1633 PFAS		Sample Specific Comments	Total Bottle
38778-01	MW-5	7-10-24	1000	Water	CEH	X	X	X	X	X	X	X			
-02	MW-6	7-10-24	0900	Water	CEH	X	X	X	X	X	X	X			
-03	MW-7	7-10-24	1055	Water	CEH	X	X	X	X	X	X	X			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Jonty Hardreth	7-10-24 1525	C. Gurley Pace	7-10-24 1525
C. Gurley Pace	7-10-24 1530	Buffalo	7-10-24 1530
Buffalo	7-10-24 1542	Russell B Bixby	7-10-24 1542
Russell B Bixby	7-10-24 2015		7-11-24 0400

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

7/11/24 0400

ANALYTICAL REPORT

Lab Number:	L2511821
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Mike Lesakowski
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	03/11/25

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2511821
Report Date: 03/11/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2511821-01	MW-6	WATER	BUFFALO, NY	03/04/25 12:20	03/04/25
L2511821-02	MW-4	WATER	BUFFALO, NY	03/04/25 13:15	03/04/25

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2511821
Project Number:	4461.0001B002	**Report Date:**	03/11/25

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2511821
Project Number:	4461.0001B002	**Report Date:**	03/11/25

Case Narrative (continued)

Report Submission

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

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

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 03/11/25

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2511821

Project Number: 4461.0001B002 **Report Date:** 03/11/25

SAMPLE RESULTS

Lab ID: L2511821-01 D
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 03/04/25 12:20
Date Received: 03/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/07/25 20:27
Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	1.4	2
1,1-Dichloroethane	ND		ug/l	5.0	1.4	2
Chloroform	ND		ug/l	5.0	1.4	2
Carbon tetrachloride	ND		ug/l	1.0	0.27	2
1,2-Dichloropropane	ND		ug/l	2.0	0.27	2
Dibromochloromethane	ND		ug/l	1.0	0.30	2
1,1,2-Trichloroethane	ND		ug/l	3.0	1.0	2
Tetrachloroethene	ND		ug/l	1.0	0.36	2
Chlorobenzene	ND		ug/l	5.0	1.4	2
Trichlorofluoromethane	ND		ug/l	5.0	1.4	2
1,2-Dichloroethane	2.4		ug/l	1.0	0.26	2
1,1,1-Trichloroethane	ND		ug/l	5.0	1.4	2
Bromodichloromethane	ND		ug/l	1.0	0.38	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	0.33	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	0.29	2
Bromoform	ND		ug/l	4.0	1.3	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.33	2
Benzene	ND		ug/l	1.0	0.32	2
Toluene	ND		ug/l	5.0	1.4	2
Ethylbenzene	ND		ug/l	5.0	1.4	2
Chloromethane	ND		ug/l	5.0	1.4	2
Bromomethane	ND		ug/l	5.0	1.4	2
Vinyl chloride	4.2		ug/l	2.0	0.14	2
Chloroethane	ND		ug/l	5.0	1.4	2
1,1-Dichloroethene	ND		ug/l	1.0	0.34	2
trans-1,2-Dichloroethene	4.1	J	ug/l	5.0	1.4	2
Trichloroethene	230		ug/l	1.0	0.35	2
1,2-Dichlorobenzene	ND		ug/l	5.0	1.4	2

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2511821

Project Number: 4461.0001B002 **Report Date:** 03/11/25

SAMPLE RESULTS

Lab ID: L2511821-01 D
Client ID: MW-6
Sample Location: BUFFALO, NY

Date Collected: 03/04/25 12:20
Date Received: 03/04/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,4-Dichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl tert butyl ether	ND		ug/l	5.0	0.33	2
p/m-Xylene	ND		ug/l	5.0	1.4	2
o-Xylene	ND		ug/l	5.0	1.4	2
cis-1,2-Dichloroethene	46		ug/l	5.0	1.4	2
Styrene	ND		ug/l	5.0	1.4	2
Dichlorodifluoromethane	ND		ug/l	10	2.0	2
Acetone	4.5	J	ug/l	10	2.9	2
Carbon disulfide	ND		ug/l	10	2.0	2
2-Butanone	ND		ug/l	10	3.9	2
4-Methyl-2-pentanone	ND		ug/l	10	2.0	2
2-Hexanone	ND		ug/l	10	2.0	2
Bromochloromethane	ND		ug/l	5.0	1.4	2
1,2-Dibromoethane	ND		ug/l	4.0	1.3	2
n-Butylbenzene	ND		ug/l	5.0	1.4	2
sec-Butylbenzene	ND		ug/l	5.0	1.4	2
1,2-Dibromo-3-chloropropane	ND		ug/l	5.0	1.4	2
Isopropylbenzene	ND		ug/l	5.0	1.4	2
p-Isopropyltoluene	ND		ug/l	5.0	1.4	2
n-Propylbenzene	ND		ug/l	5.0	1.4	2
1,2,3-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,3,5-Trimethylbenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trimethylbenzene	ND		ug/l	5.0	1.4	2
Methyl Acetate	ND		ug/l	4.0	0.47	2
Cyclohexane	ND		ug/l	20	0.54	2
1,4-Dioxane	ND		ug/l	500	120	2
Freon-113	ND		ug/l	5.0	1.4	2
Methyl cyclohexane	1.7	J	ug/l	20	0.79	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	115		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2511821
Report Date: 03/11/25

SAMPLE RESULTS

Lab ID: L2511821-02
Client ID: MW-4
Sample Location: BUFFALO, NY

Date Collected: 03/04/25 13:15
Date Received: 03/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/07/25 20:50
Analyst: MCM

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2511821

Project Number: 4461.0001B002 **Report Date:** 03/11/25

SAMPLE RESULTS

Lab ID: L2511821-02 Date Collected: 03/04/25 13:15

Client ID: MW-4 Date Received: 03/04/25

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	2.0	J	ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.6		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	119		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2511821

Project Number: 4461.0001B002 **Report Date:** 03/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/07/25 18:08
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG2038501-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2511821

Project Number: 4461.0001B002 **Report Date:** 03/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/07/25 18:08
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG2038501-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2511821

Project Number: 4461.0001B002 **Report Date:** 03/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/07/25 18:08
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG2038501-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	110		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2511821
Report Date: 03/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG2038501-3 WG2038501-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	95		97		70-130	2		20
Chloroform	93		95		70-130	2		20
Carbon tetrachloride	83		88		63-132	6		20
1,2-Dichloropropane	88		90		70-130	2		20
Dibromochloromethane	92		94		63-130	2		20
1,1,2-Trichloroethane	97		97		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	97		94		75-130	3		20
Trichlorofluoromethane	98		100		62-150	2		20
1,2-Dichloroethane	93		96		70-130	3		20
1,1,1-Trichloroethane	87		90		67-130	3		20
Bromodichloromethane	87		91		67-130	4		20
trans-1,3-Dichloropropene	82		82		70-130	0		20
cis-1,3-Dichloropropene	79		84		70-130	6		20
Bromoform	85		83		54-136	2		20
1,1,2,2-Tetrachloroethane	89		86		67-130	3		20
Benzene	89		91		70-130	2		20
Toluene	94		91		70-130	3		20
Ethylbenzene	86		86		70-130	0		20
Chloromethane	97		92		64-130	5		20
Bromomethane	100		100		39-139	0		20
Vinyl chloride	100		100		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2511821
Report Date: 03/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG2038501-3 WG2038501-4								
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	94		96		70-130	2		20
1,2-Dichlorobenzene	98		90		70-130	9		20
1,3-Dichlorobenzene	99		90		70-130	10		20
1,4-Dichlorobenzene	99		91		70-130	8		20
Methyl tert butyl ether	92		100		63-130	8		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	91		92		70-130	1		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	77		76		36-147	1		20
Acetone	120		130		58-148	8		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	90		110		63-138	20		20
4-Methyl-2-pentanone	66		74		59-130	11		20
2-Hexanone	64		68		57-130	6		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	95		94		70-130	1		20
n-Butylbenzene	82		85		53-136	4		20
sec-Butylbenzene	83		84		70-130	1		20
1,2-Dibromo-3-chloropropane	80		85		41-144	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2511821
Report Date: 03/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG2038501-3 WG2038501-4								
Isopropylbenzene	80		77		70-130	4		20
p-Isopropyltoluene	80		81		70-130	1		20
n-Propylbenzene	81		78		69-130	4		20
1,2,3-Trichlorobenzene	96		91		70-130	5		20
1,2,4-Trichlorobenzene	91		85		70-130	7		20
1,3,5-Trimethylbenzene	83		79		64-130	5		20
1,2,4-Trimethylbenzene	84		80		70-130	5		20
Methyl Acetate	110		120		70-130	9		20
Cyclohexane	75		80		70-130	6		20
1,4-Dioxane	68		90		56-162	**28**	Q	20
Freon-113	99		100		70-130	1		20
Methyl cyclohexane	72		81		70-130	12		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		105		70-130
Toluene-d8	103		98		70-130
4-Bromofluorobenzene	85		80		70-130
Dibromofluoromethane	106		105		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2511821
Report Date: 03/11/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2511821-01A	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2511821-01B	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2511821-01C	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2511821-02A	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2511821-02B	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)
L2511821-02C	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2511821
Project Number:	4461.0001B002	**Report Date:**	03/11/25

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2511821
Project Number:	4461.0001B002	**Report Date:**	03/11/25

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2511821
Project Number:	4461.0001B002	**Report Date:**	03/11/25

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2511821
Report Date: 03/11/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 3/5/25

L2511821
ROUX – BENCH

Project Information

Project Name: 1681-1689 Main Street site
Project Location: Buffalo NY
Project #
(Use Project name as Project #) ☐
Project Manager: Nate Manley
ALPHAQuote #:

Turn-Around Time

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

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

Client Information

Client: Roux
Address: 255 E Hamburg Tpke
Buffalo NY
Phone:
Fax:
Email: nmanley@rouxinc.com

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

NYTCL 8260

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments
11821-01	MW-6	3/4/25	1220	H_2O	AB	
-02	MW-4	3/4/25	1315	H_2O	AB	

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	3/4/25 1400		3/4/25 1400
	3/4/25 1510	BSC	3-4-25 15:10
Russell B Bixby	3-4-25 15:51		
	0100		3/5/25 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2512935
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	03/14/25

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2512935
Report Date: 03/14/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2512935-01	TW-2	WATER	BUFFALO, NY	03/06/25 11:25	03/07/25
L2512935-02	TW-3	WATER	BUFFALO, NY	03/06/25 12:00	03/07/25
L2512935-03	MW-5R	WATER	BUFFALO, NY	03/06/25 13:30	03/07/25
L2512935-04	TW-1	WATER	BUFFALO, NY	03/06/25 14:40	03/07/25

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2512935
Project Number:	4461.0001B002	**Report Date:**	03/14/25

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2512935
Project Number:	4461.0001B002	**Report Date:**	03/14/25

Case Narrative (continued)

Report Submission

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

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 03/14/25

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2512935

Project Number: 4461.0001B002 **Report Date:** 03/14/25

SAMPLE RESULTS

Lab ID: L2512935-01
Client ID: TW-2
Sample Location: BUFFALO, NY

Date Collected: 03/06/25 11:25
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/14/25 03:12
Analyst: MJV

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2512935

Project Number: 4461.0001B002 **Report Date:** 03/14/25

SAMPLE RESULTS

Lab ID: L2512935-01 Date Collected: 03/06/25 11:25

Client ID: TW-2 Date Received: 03/07/25

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	63		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	100		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2512935

Project Number: 4461.0001B002 **Report Date:** 03/14/25

SAMPLE RESULTS

Lab ID: L2512935-02
Client ID: TW-3
Sample Location: BUFFALO, NY

Date Collected: 03/06/25 12:00
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/14/25 03:39
Analyst: MJV

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

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2512935

Project Number: 4461.0001B002 **Report Date:** 03/14/25

SAMPLE RESULTS

Lab ID: L2512935-02 Date Collected: 03/06/25 12:00

Client ID: TW-3 Date Received: 03/07/25

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	43		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	101		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2512935
Report Date: 03/14/25

SAMPLE RESULTS

Lab ID: L2512935-03
Client ID: MW-5R
Sample Location: BUFFALO, NY

Date Collected: 03/06/25 13:30
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/14/25 04:05
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	0.25	J	ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.96		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2512935

Project Number: 4461.0001B002 **Report Date:** 03/14/25

SAMPLE RESULTS

Lab ID: L2512935-03 Date Collected: 03/06/25 13:30

Client ID: MW-5R Date Received: 03/07/25

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	17		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2512935

Project Number: 4461.0001B002 **Report Date:** 03/14/25

SAMPLE RESULTS

Lab ID: L2512935-04 D
Client ID: TW-1
Sample Location: BUFFALO, NY

Date Collected: 03/06/25 14:40
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/14/25 04:32
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	62	18.	25
1,1-Dichloroethane	ND		ug/l	62	18.	25
Chloroform	ND		ug/l	62	18.	25
Carbon tetrachloride	ND		ug/l	12	3.4	25
1,2-Dichloropropane	ND		ug/l	25	3.4	25
Dibromochloromethane	ND		ug/l	12	3.7	25
1,1,2-Trichloroethane	ND		ug/l	38	12.	25
Tetrachloroethene	ND		ug/l	12	4.5	25
Chlorobenzene	ND		ug/l	62	18.	25
Trichlorofluoromethane	ND		ug/l	62	18.	25
1,2-Dichloroethane	ND		ug/l	12	3.3	25
1,1,1-Trichloroethane	ND		ug/l	62	18.	25
Bromodichloromethane	ND		ug/l	12	4.8	25
trans-1,3-Dichloropropene	ND		ug/l	12	4.1	25
cis-1,3-Dichloropropene	ND		ug/l	12	3.6	25
Bromoform	ND		ug/l	50	16.	25
1,1,2,2-Tetrachloroethane	ND		ug/l	12	4.2	25
Benzene	28		ug/l	12	4.0	25
Toluene	ND		ug/l	62	18.	25
Ethylbenzene	ND		ug/l	62	18.	25
Chloromethane	ND		ug/l	62	18.	25
Bromomethane	ND		ug/l	62	18.	25
Vinyl chloride	120		ug/l	25	1.8	25
Chloroethane	ND		ug/l	62	18.	25
1,1-Dichloroethene	4.2	J	ug/l	12	4.2	25
trans-1,2-Dichloroethene	90		ug/l	62	18.	25
Trichloroethene	41		ug/l	12	4.4	25
1,2-Dichlorobenzene	ND		ug/l	62	18.	25

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2512935

Project Number: 4461.0001B002 **Report Date:** 03/14/25

SAMPLE RESULTS

Lab ID: L2512935-04 D
Client ID: TW-1
Sample Location: BUFFALO, NY

Date Collected: 03/06/25 14:40
Date Received: 03/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	62	18.	25
1,4-Dichlorobenzene	ND		ug/l	62	18.	25
Methyl tert butyl ether	ND		ug/l	62	4.2	25
p/m-Xylene	ND		ug/l	62	18.	25
o-Xylene	ND		ug/l	62	18.	25
cis-1,2-Dichloroethene	2000		ug/l	62	18.	25
Styrene	ND		ug/l	62	18.	25
Dichlorodifluoromethane	ND		ug/l	120	25.	25
Acetone	ND		ug/l	120	36.	25
Carbon disulfide	ND		ug/l	120	25.	25
2-Butanone	ND		ug/l	120	48.	25
4-Methyl-2-pentanone	ND		ug/l	120	25.	25
2-Hexanone	ND		ug/l	120	25.	25
Bromochloromethane	ND		ug/l	62	18.	25
1,2-Dibromoethane	ND		ug/l	50	16.	25
1,2-Dibromo-3-chloropropane	ND		ug/l	62	18.	25
Isopropylbenzene	ND		ug/l	62	18.	25
1,2,3-Trichlorobenzene	ND		ug/l	62	18.	25
1,2,4-Trichlorobenzene	ND		ug/l	62	18.	25
Methyl Acetate	ND		ug/l	50	5.8	25
Cyclohexane	ND		ug/l	250	6.8	25
1,4-Dioxane	ND		ug/l	6200	1500	25
Freon-113	ND		ug/l	62	18.	25
Methyl cyclohexane	ND		ug/l	250	9.9	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2512935

Project Number: 4461.0001B002 **Report Date:** 03/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/13/25 22:18
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2040639-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2512935

Project Number: 4461.0001B002 **Report Date:** 03/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/13/25 22:18
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2040639-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2512935

Project Number: 4461.0001B002 **Report Date:** 03/14/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/13/25 22:18
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2040639-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2512935
Report Date: 03/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2040639-3 WG2040639-4								
Methylene chloride	90		92		70-130	2		20
1,1-Dichloroethane	95		96		70-130	1		20
Chloroform	95		95		70-130	0		20
Carbon tetrachloride	86		87		63-132	1		20
1,2-Dichloropropane	93		96		70-130	3		20
Dibromochloromethane	90		91		63-130	1		20
1,1,2-Trichloroethane	98		100		70-130	2		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	95		98		62-150	3		20
1,2-Dichloroethane	92		94		70-130	2		20
1,1,1-Trichloroethane	93		96		67-130	3		20
Bromodichloromethane	90		93		67-130	3		20
trans-1,3-Dichloropropene	86		87		70-130	1		20
cis-1,3-Dichloropropene	85		86		70-130	1		20
Bromoform	88		94		54-136	7		20
1,1,2,2-Tetrachloroethane	98		100		67-130	2		20
Benzene	98		100		70-130	2		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	72		72		64-130	0		20
Bromomethane	130		120		39-139	8		20
Vinyl chloride	98		100		55-140	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2512935
Report Date: 03/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2040639-3 WG2040639-4								
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	94		94		61-145	0		20
trans-1,2-Dichloroethene	96		97		70-130	1		20
Trichloroethene	94		96		70-130	2		20
1,2-Dichlorobenzene	97		100		70-130	3		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	97		100		70-130	3		20
Methyl tert butyl ether	94		98		63-130	4		20
p/m-Xylene	100		105		70-130	5		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	95		97		70-130	2		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	83		84		36-147	1		20
Acetone	84		78		58-148	7		20
Carbon disulfide	97		99		51-130	2		20
2-Butanone	92		100		63-138	8		20
4-Methyl-2-pentanone	91		90		59-130	1		20
2-Hexanone	82		90		57-130	9		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	97		100		70-130	3		20
1,2-Dibromo-3-chloropropane	77		84		41-144	9		20
Isopropylbenzene	100		110		70-130	10		20
1,2,3-Trichlorobenzene	77		94		70-130	20		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2512935
Report Date: 03/14/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2040639-3 WG2040639-4								
1,2,4-Trichlorobenzene	88		98		70-130	11		20
Methyl Acetate	87		92		70-130	6		20
Cyclohexane	96		98		70-130	2		20
1,4-Dioxane	88		94		56-162	7		20
Freon-113	97		99		70-130	2		20
Methyl cyclohexane	98		100		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		97		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	99		99		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2512935
Report Date: 03/14/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2512935-01A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2512935-01B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2512935-01C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2512935-02A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2512935-02B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2512935-02C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2512935-03A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2512935-03B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2512935-03C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2512935-04A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2512935-04B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260-R2(14)
L2512935-04C	Vial HCl preserved	A	N/A	N/A	2.1	Y	Absent		ARCHIVE()

Container Comments

L2512935-04C	Vial rec'd broken

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2512935
Project Number:	4461.0001B002	**Report Date:**	03/14/25

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2512935
Project Number:	4461.0001B002	**Report Date:**	03/14/25

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2512935
Project Number:	4461.0001B002	**Report Date:**	03/14/25

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2512935
Report Date: 03/14/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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

NEW YORK CHAIN OF CUSTODY

L2512935
ROUX – BENCH

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 3/8/25

Client Information
Client: Roux
Address: 2558 Hamburg Tnpk
Buffalo NY
Phone:
Fax:
Email: nmunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo NY
Project #
(Use Project name as Project #) ☐
Project Manager: Nate Munley
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS
NYTCL 8260

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments
12935-01	TW-2	3/6/25	1125	H_2O	AW	
-02	TW-3		1200			
-03	MW-5R		1330			
-04	TW-1		1440			

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Cayla Hess	3/7/25 9:50	Matthew Mace	3/7/25 9:34
Matt	3/7/25 10:10	BSC	3-7-25 10:00
Russell B. Bisby	3-7-25 15:18		
	0100		3/8/25 0102

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2527880
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	05/09/25

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2527880
Report Date: 05/09/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2527880-01	TW-04	WATER	BUFFALO, NY	05/06/25 11:30	05/06/25
L2527880-02	TW-01	WATER	BUFFALO, NY	05/06/25 10:45	05/06/25
L2527880-03	MW-06	WATER	BUFFALO, NY	05/06/25 11:00	05/06/25
L2527880-04	MW-04	WATER	BUFFALO, NY	05/06/25 11:15	05/06/25

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2527880
Project Number:	4461.0001B002	**Report Date:**	05/09/25

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2527880
Project Number:	4461.0001B002	**Report Date:**	05/09/25

Case Narrative (continued)

Report Submission

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

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 05/09/25

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2527880
Report Date: 05/09/25

SAMPLE RESULTS

Lab ID: L2527880-01
Client ID: TW-04
Sample Location: BUFFALO, NY

Date Collected: 05/06/25 11:30
Date Received: 05/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/09/25 12:36
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.33	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	0.79	J	ug/l	2.5	0.70	1
Vinyl chloride	0.44	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	0.45	J	ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	23		ug/l	2.5	0.70	1
Trichloroethene	13		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2527880

Project Number: 4461.0001B002 **Report Date:** 05/09/25

SAMPLE RESULTS

Lab ID: L2527880-01 Date Collected: 05/06/25 11:30

Client ID: TW-04 Date Received: 05/06/25

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	12		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	107		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2527880

Project Number: 4461.0001B002 **Report Date:** 05/09/25

SAMPLE RESULTS

Lab ID: L2527880-02 D
Client ID: TW-01
Sample Location: BUFFALO, NY

Date Collected: 05/06/25 10:45
Date Received: 05/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/09/25 13:54
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	ND		ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	26		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	7.8		ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	3.7	J	ug/l	12	3.5	5
Vinyl chloride	28		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	1.6	J	ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	31		ug/l	12	3.5	5
Trichloroethene	720		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2527880

Project Number: 4461.0001B002 **Report Date:** 05/09/25

SAMPLE RESULTS

Lab ID: L2527880-02 D
Client ID: TW-01
Sample Location: BUFFALO, NY

Date Collected: 05/06/25 10:45
Date Received: 05/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	0.83	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	480		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	ND		ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	ND		ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	ND		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2527880
Report Date: 05/09/25

SAMPLE RESULTS

Lab ID: L2527880-03
Client ID: MW-06
Sample Location: BUFFALO, NY

Date Collected: 05/06/25 11:00
Date Received: 05/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/09/25 13:02
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	2.1		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	0.70	J	ug/l	2.5	0.70	1
Vinyl chloride	0.26	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	0.99	J	ug/l	2.5	0.70	1
Trichloroethene	80		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2527880
Report Date: 05/09/25

SAMPLE RESULTS

Lab ID: L2527880-03
Client ID: MW-06
Sample Location: BUFFALO, NY
Date Collected: 05/06/25 11:00
Date Received: 05/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	7.6		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	24		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2527880
Report Date: 05/09/25

SAMPLE RESULTS

Lab ID: L2527880-04
Client ID: MW-04
Sample Location: BUFFALO, NY

Date Collected: 05/06/25 11:15
Date Received: 05/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/09/25 13:28
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	0.75	J	ug/l	2.5	0.70	1
Vinyl chloride	0.10	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.40	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2527880

Project Number: 4461.0001B002 **Report Date:** 05/09/25

SAMPLE RESULTS

Lab ID: L2527880-04 Date Collected: 05/06/25 11:15

Client ID: MW-04 Date Received: 05/06/25

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	0.44	J	ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	0.75	J	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2527880

Project Number: 4461.0001B002 **Report Date:** 05/09/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/09/25 09:34
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2064684-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	2.0	J	ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2527880

Project Number: 4461.0001B002 **Report Date:** 05/09/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/09/25 09:34
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2064684-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2527880

Project Number: 4461.0001B002 **Report Date:** 05/09/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/09/25 09:34
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2064684-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2527880
Report Date: 05/09/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2064684-3 WG2064684-4								
Methylene chloride	100		120		70-130	18		20
1,1-Dichloroethane	110		120		70-130	9		20
Chloroform	110		130		70-130	17		20
Carbon tetrachloride	120		130		63-132	8		20
1,2-Dichloropropane	100		120		70-130	18		20
Dibromochloromethane	100		130		63-130	**26**	Q	20
1,1,2-Trichloroethane	100		120		70-130	18		20
Tetrachloroethene	120		130		70-130	8		20
Chlorobenzene	100		120		75-130	18		20
Trichlorofluoromethane	120		130		62-150	8		20
1,2-Dichloroethane	110		130		70-130	17		20
1,1,1-Trichloroethane	120		130		67-130	8		20
Bromodichloromethane	110		130		67-130	17		20
trans-1,3-Dichloropropene	95		110		70-130	15		20
cis-1,3-Dichloropropene	110		130		70-130	17		20
Bromoform	100		120		54-136	18		20
1,1,2,2-Tetrachloroethane	100		130		67-130	**26**	Q	20
Benzene	110		120		70-130	9		20
Toluene	100		120		70-130	18		20
Ethylbenzene	100		120		70-130	18		20
Chloromethane	81		100		64-130	**21**	Q	20
Bromomethane	**160**	Q	**170**	Q	39-139	6		20
Vinyl chloride	100		120		55-140	18		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2527880
Report Date: 05/09/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2064684-3 WG2064684-4								
Chloroethane	100		120		55-138	18		20
1,1-Dichloroethene	110		120		61-145	9		20
trans-1,2-Dichloroethene	110		130		70-130	17		20
Trichloroethene	110		120		70-130	9		20
1,2-Dichlorobenzene	100		120		70-130	18		20
1,3-Dichlorobenzene	100		120		70-130	18		20
1,4-Dichlorobenzene	100		120		70-130	18		20
Methyl tert butyl ether	110		130		63-130	17		20
p/m-Xylene	110		125		70-130	13		20
o-Xylene	110		125		70-130	13		20
cis-1,2-Dichloroethene	110		120		70-130	9		20
Styrene	110		125		70-130	13		20
Dichlorodifluoromethane	120		130		36-147	8		20
Acetone	100		120		58-148	18		20
Carbon disulfide	120		120		51-130	0		20
2-Butanone	94		120		63-138	**24**	Q	20
4-Methyl-2-pentanone	88		120		59-130	**31**	Q	20
2-Hexanone	87		110		57-130	**23**	Q	20
Bromochloromethane	120		**140**	Q	70-130	15		20
1,2-Dibromoethane	100		130		70-130	**26**	Q	20
1,2-Dibromo-3-chloropropane	97		120		41-144	**21**	Q	20
Isopropylbenzene	100		110		70-130	10		20
1,2,3-Trichlorobenzene	99		130		70-130	**27**	Q	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2527880
Report Date: 05/09/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2064684-3 WG2064684-4								
1,2,4-Trichlorobenzene	100		120		70-130	18		20
Methyl Acetate	94		110		70-130	16		20
Cyclohexane	100		110		70-130	10		20
1,4-Dioxane	140		**192**	Q	56-162	**31**	Q	20
Freon-113	120		130		70-130	8		20
Methyl cyclohexane	110		120		70-130	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		106		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	94		93		70-130
Dibromofluoromethane	105		106		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2527880
Report Date: 05/09/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2527880-01A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2527880-01B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2527880-01C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2527880-02A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2527880-02B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2527880-02C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2527880-03A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2527880-03B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2527880-03C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2527880-04A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2527880-04B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)
L2527880-04C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2527880
Project Number:	4461.0001B002	**Report Date:**	05/09/25

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2527880
Project Number:	4461.0001B002	**Report Date:**	05/09/25

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2527880
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Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2527880
Report Date: 05/09/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page [of]

Date Rec'd in Lab: 5/7/25

ALPHA Job #: L2527880

Client Information
Client: R&L X
Address: 255 E Hamburg Trpk
Buffalo NY
Phone:
Fax:
Email: nmunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo NY
Project #: 4461.001.B002
(Use Project name as Project #) [X]
Project Manager: Nate Munley
ALPHAQuote #:

Turn-Around Time
Standard [ ] Due Date:
Rush (only if pre approved) [X] # of Days: 3 day

Deliverables
[X] ASP-A [ ] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement
[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information
[X] Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [X] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

NYTCL 8260

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL 8260	Sample Specific Comments
27880 01	TW-04	5/6/25	1130	H2O	AB	X	
02	TW-01		1645			X	
03	MW-06		1100			X	
04	MW-09		1115			X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	5/6/25 1413		5.6.25 14:13
	5.6.25 1437		5.6.25 14:37
	5-6-25 16:19		5/6/25 2350
	5/7/25 0736		

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

05107:25:0235

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Nate Munley
Roux Environmental Engineering and Geology DPC
2558 Hamburg Turnpike
Suite 300
Lackawanna, New York 14218

Generated 7/23/2025 2:40:25 PM Revision 1

JOB DESCRIPTION

1681-1689 Main Street Groundwater IRM

JOB NUMBER

480-231111-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

Generated
7/23/2025 2:40:25 PM
Revision 1

Authorized for release by
John Schove, Project Manager II
John.Schove@et.eurofinsus.com
(716)504-9838

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Definitions/Glossary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-231111-1 Eurofins Buffalo

Job Narrative
480-231111-1

REVISION

The report being provided is a revision of the original report sent on 7/22/2025. The report (revision 1) is being revised due to correct a sample ID..

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 7/15/2025 2:28 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.5°C.

GC/MS VOA
Method 8260C: Due to the co-elution of Ethyl Acetate with 2-Butanone in the full spike solution, 2-Butanone exceeded control limits in the laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) associated with batch 480-752127 . The following samples are impacted: MW-7 (480-231111-1), TW-1 (480-231111-2) and TW-4 (480-231111-3).

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: TW-1 (480-231111-2). Elevated reporting limits (RLs) are provided.

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-752278 recovered outside control limits for the following analytes: 2-Butanone (MEK). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW-7 — Lab Sample ID: 480-231111-1

No Detections.

Client Sample ID: TW-1 — Lab Sample ID: 480-231111-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	40		10	2.1	ug/L	10		8260C	Total/NA
cis-1,2-Dichloroethene	330		10	8.1	ug/L	10		8260C	Total/NA
trans-1,2-Dichloroethene	22		10	9.0	ug/L	10		8260C	Total/NA
Trichloroethene	550		10	4.6	ug/L	10		8260C	Total/NA
Vinyl chloride	28		10	9.0	ug/L	10		8260C	Total/NA

Client Sample ID: TW-4 — Lab Sample ID: 480-231111-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.0		1.0	0.81	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	15		1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene	49		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: TW-2 — Lab Sample ID: 480-231111-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	360		10	3.0	ug/L	1		8260C	Total/NA
Bromomethane	0.86	J	1.0	0.69	ug/L	1		8260C	Total/NA
Chloromethane	4.3		1.0	0.35	ug/L	1		8260C	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 480-231111-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	1.6		1.0	0.21	ug/L	1		8260C	Total/NA
Acetone	7.0	J	10	3.0	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	3.9		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	13		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-4 — Lab Sample ID: 480-231111-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.2	J	10	3.0	ug/L	1		8260C	Total/NA

Client Sample ID: TW-3 — Lab Sample ID: 480-231111-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.2	J	10	3.0	ug/L	1		8260C	Total/NA

Client Sample ID: MW-1R — Lab Sample ID: 480-231111-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	170		10	3.0	ug/L	1		8260C	Total/NA
Chloromethane	7.1		1.0	0.35	ug/L	1		8260C	Total/NA

Client Sample ID: MW-5R — Lab Sample ID: 480-231111-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.77	J	1.0	0.46	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW-2
Lab Sample ID: 480-231111-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.7		1.0	0.38	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	2.5		1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: MW-3
Lab Sample ID: 480-231111-11

No Detections.

Client Sample ID: DUP
Lab Sample ID: 480-231111-12

No Detections.

Client Sample ID: Trip Blank
Lab Sample ID: 480-231111-13

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW-7
Lab Sample ID: 480-231111-1
Date Collected: 07/14/25 10:40
Matrix: Water
Date Received: 07/15/25 14:28

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/18/25 17:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/18/25 17:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/18/25 17:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/18/25 17:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/18/25 17:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/18/25 17:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/18/25 17:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/18/25 17:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/18/25 17:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/18/25 17:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/18/25 17:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/18/25 17:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/18/25 17:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/18/25 17:05	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			07/18/25 17:05	1
2-Hexanone	ND		5.0	1.2	ug/L			07/18/25 17:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/18/25 17:05	1
Acetone	ND		10	3.0	ug/L			07/18/25 17:05	1
Benzene	ND		1.0	0.41	ug/L			07/18/25 17:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/18/25 17:05	1
Bromoform	ND		1.0	0.26	ug/L			07/18/25 17:05	1
Bromomethane	ND		1.0	0.69	ug/L			07/18/25 17:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/18/25 17:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/18/25 17:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/18/25 17:05	1
Chloroethane	ND		1.0	0.32	ug/L			07/18/25 17:05	1
Chloroform	ND		1.0	0.34	ug/L			07/18/25 17:05	1
Chloromethane	ND		1.0	0.35	ug/L			07/18/25 17:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/18/25 17:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/18/25 17:05	1
Cyclohexane	ND		1.0	0.18	ug/L			07/18/25 17:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/18/25 17:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/18/25 17:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/18/25 17:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/18/25 17:05	1
Methyl acetate	ND		2.5	1.3	ug/L			07/18/25 17:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/18/25 17:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/18/25 17:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/18/25 17:05	1
Styrene	ND		1.0	0.73	ug/L			07/18/25 17:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/18/25 17:05	1
Toluene	ND		1.0	0.51	ug/L			07/18/25 17:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/18/25 17:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/18/25 17:05	1
Trichloroethene	ND		1.0	0.46	ug/L			07/18/25 17:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/18/25 17:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/18/25 17:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/18/25 17:05	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW-7
Lab Sample ID: 480-231111-1
Date Collected: 07/14/25 10:40
Matrix: Water
Date Received: 07/15/25 14:28

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		07/18/25 17:05	1
4-Bromofluorobenzene (Surr)	100		73 - 120		07/18/25 17:05	1
Dibromofluoromethane (Surr)	100		75 - 123		07/18/25 17:05	1
Toluene-d8 (Surr)	97		80 - 120		07/18/25 17:05	1

Client: Roux Environmental Engineering and Geology DPC
Project/Site: 1681-1689 Main Street Groundwater IRM

Job ID: 480-231111-1

Client Sample ID: TW-1
Date Collected: 07/14/25 12:45
Date Received: 07/15/25 14:28

Lab Sample ID: 480-231111-2
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			07/18/25 17:28	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			07/18/25 17:28	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			07/18/25 17:28	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			07/18/25 17:28	10
1,1-Dichloroethane	ND		10	3.8	ug/L			07/18/25 17:28	10
1,1-Dichloroethene	ND		10	2.9	ug/L			07/18/25 17:28	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			07/18/25 17:28	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			07/18/25 17:28	10
1,2-Dibromoethane	ND		10	7.3	ug/L			07/18/25 17:28	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			07/18/25 17:28	10
1,2-Dichloroethane	**40**		10	2.1	ug/L			07/18/25 17:28	10
1,2-Dichloropropane	ND		10	7.2	ug/L			07/18/25 17:28	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			07/18/25 17:28	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			07/18/25 17:28	10
2-Butanone (MEK)	ND	*+	100	13	ug/L			07/18/25 17:28	10
2-Hexanone	ND		50	12	ug/L			07/18/25 17:28	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			07/18/25 17:28	10
Acetone	ND		100	30	ug/L			07/18/25 17:28	10
Benzene	ND		10	4.1	ug/L			07/18/25 17:28	10
Bromodichloromethane	ND		10	3.9	ug/L			07/18/25 17:28	10
Bromoform	ND		10	2.6	ug/L			07/18/25 17:28	10
Bromomethane	ND		10	6.9	ug/L			07/18/25 17:28	10
Carbon disulfide	ND		10	1.9	ug/L			07/18/25 17:28	10
Carbon tetrachloride	ND		10	2.7	ug/L			07/18/25 17:28	10
Chlorobenzene	ND		10	7.5	ug/L			07/18/25 17:28	10
Chloroethane	ND		10	3.2	ug/L			07/18/25 17:28	10
Chloroform	ND		10	3.4	ug/L			07/18/25 17:28	10
Chloromethane	ND		10	3.5	ug/L			07/18/25 17:28	10
cis-1,2-Dichloroethene	**330**		10	8.1	ug/L			07/18/25 17:28	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			07/18/25 17:28	10
Cyclohexane	ND		10	1.8	ug/L			07/18/25 17:28	10
Dibromochloromethane	ND		10	3.2	ug/L			07/18/25 17:28	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			07/18/25 17:28	10
Ethylbenzene	ND		10	7.4	ug/L			07/18/25 17:28	10
Isopropylbenzene	ND		10	7.9	ug/L			07/18/25 17:28	10
Methyl acetate	ND		25	13	ug/L			07/18/25 17:28	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			07/18/25 17:28	10
Methylcyclohexane	ND		10	1.6	ug/L			07/18/25 17:28	10
Methylene Chloride	ND		10	4.4	ug/L			07/18/25 17:28	10
Styrene	ND		10	7.3	ug/L			07/18/25 17:28	10
Tetrachloroethene	ND		10	3.6	ug/L			07/18/25 17:28	10
Toluene	ND		10	5.1	ug/L			07/18/25 17:28	10
trans-1,2-Dichloroethene	**22**		10	9.0	ug/L			07/18/25 17:28	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			07/18/25 17:28	10
Trichloroethene	**550**		10	4.6	ug/L			07/18/25 17:28	10
Trichlorofluoromethane	ND		10	8.8	ug/L			07/18/25 17:28	10
Vinyl chloride	**28**		10	9.0	ug/L			07/18/25 17:28	10
Xylenes, Total	ND		20	6.6	ug/L			07/18/25 17:28	10

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW-1
Lab Sample ID: 480-231111-2
Date Collected: 07/14/25 12:45
Matrix: Water
Date Received: 07/15/25 14:28

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		07/18/25 17:28	10
4-Bromofluorobenzene (Surr)	102		73 - 120		07/18/25 17:28	10
Dibromofluoromethane (Surr)	102		75 - 123		07/18/25 17:28	10
Toluene-d8 (Surr)	98		80 - 120		07/18/25 17:28	10

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW-4
Lab Sample ID: 480-231111-3
Date Collected: 07/14/25 13:15
Matrix: Water
Date Received: 07/15/25 14:28

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/18/25 17:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/18/25 17:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/18/25 17:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/18/25 17:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/18/25 17:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/18/25 17:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/18/25 17:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/18/25 17:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/18/25 17:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/18/25 17:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/18/25 17:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/18/25 17:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/18/25 17:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/18/25 17:50	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			07/18/25 17:50	1
2-Hexanone	ND		5.0	1.2	ug/L			07/18/25 17:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/18/25 17:50	1
Acetone	ND		10	3.0	ug/L			07/18/25 17:50	1
Benzene	ND		1.0	0.41	ug/L			07/18/25 17:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/18/25 17:50	1
Bromoform	ND		1.0	0.26	ug/L			07/18/25 17:50	1
Bromomethane	ND		1.0	0.69	ug/L			07/18/25 17:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/18/25 17:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/18/25 17:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/18/25 17:50	1
Chloroethane	ND		1.0	0.32	ug/L			07/18/25 17:50	1
Chloroform	ND		1.0	0.34	ug/L			07/18/25 17:50	1
Chloromethane	ND		1.0	0.35	ug/L			07/18/25 17:50	1
cis-1,2-Dichloroethene	**8.0**		1.0	0.81	ug/L			07/18/25 17:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/18/25 17:50	1
Cyclohexane	ND		1.0	0.18	ug/L			07/18/25 17:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/18/25 17:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/18/25 17:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/18/25 17:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/18/25 17:50	1
Methyl acetate	ND		2.5	1.3	ug/L			07/18/25 17:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/18/25 17:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/18/25 17:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/18/25 17:50	1
Styrene	ND		1.0	0.73	ug/L			07/18/25 17:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/18/25 17:50	1
Toluene	ND		1.0	0.51	ug/L			07/18/25 17:50	1
trans-1,2-Dichloroethene	**15**		1.0	0.90	ug/L			07/18/25 17:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/18/25 17:50	1
Trichloroethene	**49**		1.0	0.46	ug/L			07/18/25 17:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/18/25 17:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/18/25 17:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/18/25 17:50	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW-4
Lab Sample ID: 480-231111-3
Date Collected: 07/14/25 13:15
Matrix: Water
Date Received: 07/15/25 14:28

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		07/18/25 17:50	1
4-Bromofluorobenzene (Surr)	101		73 - 120		07/18/25 17:50	1
Dibromofluoromethane (Surr)	102		75 - 123		07/18/25 17:50	1
Toluene-d8 (Surr)	96		80 - 120		07/18/25 17:50	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW-2
Lab Sample ID: 480-231111-4

Date Collected: 07/14/25 11:15
Matrix: Water

Date Received: 07/15/25 14:28

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/21/25 14:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/21/25 14:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/21/25 14:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/21/25 14:32	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/21/25 14:32	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/21/25 14:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/21/25 14:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/21/25 14:32	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/21/25 14:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/21/25 14:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/21/25 14:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/21/25 14:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/21/25 14:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/21/25 14:32	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			07/21/25 14:32	1
2-Hexanone	ND		5.0	1.2	ug/L			07/21/25 14:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/21/25 14:32	1
Acetone	**360**		10	3.0	ug/L			07/21/25 14:32	1
Benzene	ND		1.0	0.41	ug/L			07/21/25 14:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/21/25 14:32	1
Bromoform	ND		1.0	0.26	ug/L			07/21/25 14:32	1
Bromomethane	**0.86**	**J**	1.0	0.69	ug/L			07/21/25 14:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/21/25 14:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/21/25 14:32	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/21/25 14:32	1
Chloroethane	ND		1.0	0.32	ug/L			07/21/25 14:32	1
Chloroform	ND		1.0	0.34	ug/L			07/21/25 14:32	1
Chloromethane	**4.3**		1.0	0.35	ug/L			07/21/25 14:32	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/21/25 14:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/21/25 14:32	1
Cyclohexane	ND		1.0	0.18	ug/L			07/21/25 14:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/21/25 14:32	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/21/25 14:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/21/25 14:32	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/21/25 14:32	1
Methyl acetate	ND		2.5	1.3	ug/L			07/21/25 14:32	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/21/25 14:32	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/21/25 14:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/21/25 14:32	1
Styrene	ND		1.0	0.73	ug/L			07/21/25 14:32	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/21/25 14:32	1
Toluene	ND		1.0	0.51	ug/L			07/21/25 14:32	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/21/25 14:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/21/25 14:32	1
Trichloroethene	ND		1.0	0.46	ug/L			07/21/25 14:32	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/21/25 14:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/21/25 14:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/21/25 14:32	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW-2
Lab Sample ID: 480-231111-4
Date Collected: 07/14/25 11:15
Matrix: Water
Date Received: 07/15/25 14:28

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		07/21/25 14:32	1
4-Bromofluorobenzene (Surr)	101		73 - 120		07/21/25 14:32	1
Dibromofluoromethane (Surr)	99		75 - 123		07/21/25 14:32	1
Toluene-d8 (Surr)	97		80 - 120		07/21/25 14:32	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW-6
Lab Sample ID: 480-231111-5
Date Collected: 07/14/25 11:50
Matrix: Water
Date Received: 07/15/25 14:28

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/21/25 14:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/21/25 14:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/21/25 14:54	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/21/25 14:54	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/21/25 14:54	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/21/25 14:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/21/25 14:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/21/25 14:54	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/21/25 14:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/21/25 14:54	1
1,2-Dichloroethane	**1.6**		1.0	0.21	ug/L			07/21/25 14:54	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/21/25 14:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/21/25 14:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/21/25 14:54	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			07/21/25 14:54	1
2-Hexanone	ND		5.0	1.2	ug/L			07/21/25 14:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/21/25 14:54	1
Acetone	**7.0**	**J**	10	3.0	ug/L			07/21/25 14:54	1
Benzene	ND		1.0	0.41	ug/L			07/21/25 14:54	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/21/25 14:54	1
Bromoform	ND		1.0	0.26	ug/L			07/21/25 14:54	1
Bromomethane	ND		1.0	0.69	ug/L			07/21/25 14:54	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/21/25 14:54	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/21/25 14:54	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/21/25 14:54	1
Chloroethane	ND		1.0	0.32	ug/L			07/21/25 14:54	1
Chloroform	ND		1.0	0.34	ug/L			07/21/25 14:54	1
Chloromethane	ND		1.0	0.35	ug/L			07/21/25 14:54	1
cis-1,2-Dichloroethene	**3.9**		1.0	0.81	ug/L			07/21/25 14:54	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/21/25 14:54	1
Cyclohexane	ND		1.0	0.18	ug/L			07/21/25 14:54	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/21/25 14:54	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/21/25 14:54	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/21/25 14:54	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/21/25 14:54	1
Methyl acetate	ND		2.5	1.3	ug/L			07/21/25 14:54	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/21/25 14:54	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/21/25 14:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/21/25 14:54	1
Styrene	ND		1.0	0.73	ug/L			07/21/25 14:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/21/25 14:54	1
Toluene	ND		1.0	0.51	ug/L			07/21/25 14:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/21/25 14:54	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/21/25 14:54	1
Trichloroethene	**13**		1.0	0.46	ug/L			07/21/25 14:54	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/21/25 14:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/21/25 14:54	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/21/25 14:54	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW-6
Lab Sample ID: 480-231111-5
Date Collected: 07/14/25 11:50
Matrix: Water
Date Received: 07/15/25 14:28

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		07/21/25 14:54	1
4-Bromofluorobenzene (Surr)	102		73 - 120		07/21/25 14:54	1
Dibromofluoromethane (Surr)	100		75 - 123		07/21/25 14:54	1
Toluene-d8 (Surr)	99		80 - 120		07/21/25 14:54	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW-4
Lab Sample ID: 480-231111-6
Date Collected: 07/14/25 13:45
Matrix: Water
Date Received: 07/15/25 14:28

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/21/25 15:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/21/25 15:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/21/25 15:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/21/25 15:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/21/25 15:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/21/25 15:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/21/25 15:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/21/25 15:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/21/25 15:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/21/25 15:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/21/25 15:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/21/25 15:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/21/25 15:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/21/25 15:39	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			07/21/25 15:39	1
2-Hexanone	ND		5.0	1.2	ug/L			07/21/25 15:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/21/25 15:39	1
Acetone	**6.2**	**J**	10	3.0	ug/L			07/21/25 15:39	1
Benzene	ND		1.0	0.41	ug/L			07/21/25 15:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/21/25 15:39	1
Bromoform	ND		1.0	0.26	ug/L			07/21/25 15:39	1
Bromomethane	ND		1.0	0.69	ug/L			07/21/25 15:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/21/25 15:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/21/25 15:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/21/25 15:39	1
Chloroethane	ND		1.0	0.32	ug/L			07/21/25 15:39	1
Chloroform	ND		1.0	0.34	ug/L			07/21/25 15:39	1
Chloromethane	ND		1.0	0.35	ug/L			07/21/25 15:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/21/25 15:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/21/25 15:39	1
Cyclohexane	ND		1.0	0.18	ug/L			07/21/25 15:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/21/25 15:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/21/25 15:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/21/25 15:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/21/25 15:39	1
Methyl acetate	ND		2.5	1.3	ug/L			07/21/25 15:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/21/25 15:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/21/25 15:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/21/25 15:39	1
Styrene	ND		1.0	0.73	ug/L			07/21/25 15:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/21/25 15:39	1
Toluene	ND		1.0	0.51	ug/L			07/21/25 15:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/21/25 15:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/21/25 15:39	1
Trichloroethene	ND		1.0	0.46	ug/L			07/21/25 15:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/21/25 15:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/21/25 15:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/21/25 15:39	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW-4
Lab Sample ID: 480-231111-6
Date Collected: 07/14/25 13:45
Matrix: Water
Date Received: 07/15/25 14:28

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		07/21/25 15:39	1
4-Bromofluorobenzene (Surr)	102		73 - 120		07/21/25 15:39	1
Dibromofluoromethane (Surr)	100		75 - 123		07/21/25 15:39	1
Toluene-d8 (Surr)	100		80 - 120		07/21/25 15:39	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW-3
Lab Sample ID: 480-231111-7
Date Collected: 07/14/25 14:25
Matrix: Water
Date Received: 07/15/25 14:28

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/21/25 16:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/21/25 16:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/21/25 16:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/21/25 16:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/21/25 16:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/21/25 16:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/21/25 16:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/21/25 16:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/21/25 16:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/21/25 16:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/21/25 16:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/21/25 16:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/21/25 16:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/21/25 16:22	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			07/21/25 16:22	1
2-Hexanone	ND		5.0	1.2	ug/L			07/21/25 16:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/21/25 16:22	1
Acetone	**8.2**	**J**	10	3.0	ug/L			07/21/25 16:22	1
Benzene	ND		1.0	0.41	ug/L			07/21/25 16:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/21/25 16:22	1
Bromoform	ND		1.0	0.26	ug/L			07/21/25 16:22	1
Bromomethane	ND		1.0	0.69	ug/L			07/21/25 16:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/21/25 16:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/21/25 16:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/21/25 16:22	1
Chloroethane	ND		1.0	0.32	ug/L			07/21/25 16:22	1
Chloroform	ND		1.0	0.34	ug/L			07/21/25 16:22	1
Chloromethane	ND		1.0	0.35	ug/L			07/21/25 16:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/21/25 16:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/21/25 16:22	1
Cyclohexane	ND		1.0	0.18	ug/L			07/21/25 16:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/21/25 16:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/21/25 16:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/21/25 16:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/21/25 16:22	1
Methyl acetate	ND		2.5	1.3	ug/L			07/21/25 16:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/21/25 16:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/21/25 16:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/21/25 16:22	1
Styrene	ND		1.0	0.73	ug/L			07/21/25 16:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/21/25 16:22	1
Toluene	ND		1.0	0.51	ug/L			07/21/25 16:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/21/25 16:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/21/25 16:22	1
Trichloroethene	ND		1.0	0.46	ug/L			07/21/25 16:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/21/25 16:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/21/25 16:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/21/25 16:22	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW-3
Lab Sample ID: 480-231111-7
Date Collected: 07/14/25 14:25
Matrix: Water
Date Received: 07/15/25 14:28

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		07/21/25 16:22	1
4-Bromofluorobenzene (Surr)	97		73 - 120		07/21/25 16:22	1
Dibromofluoromethane (Surr)	110		75 - 123		07/21/25 16:22	1
Toluene-d8 (Surr)	106		80 - 120		07/21/25 16:22	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW-1R
Lab Sample ID: 480-231111-8
Date Collected: 07/15/25 09:50
Matrix: Water
Date Received: 07/15/25 14:28

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/21/25 16:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/21/25 16:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/21/25 16:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/21/25 16:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/21/25 16:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/21/25 16:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/21/25 16:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/21/25 16:44	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/21/25 16:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/21/25 16:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/21/25 16:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/21/25 16:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/21/25 16:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/21/25 16:44	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			07/21/25 16:44	1
2-Hexanone	ND		5.0	1.2	ug/L			07/21/25 16:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/21/25 16:44	1
Acetone	**170**		10	3.0	ug/L			07/21/25 16:44	1
Benzene	ND		1.0	0.41	ug/L			07/21/25 16:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/21/25 16:44	1
Bromoform	ND		1.0	0.26	ug/L			07/21/25 16:44	1
Bromomethane	ND		1.0	0.69	ug/L			07/21/25 16:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/21/25 16:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/21/25 16:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/21/25 16:44	1
Chloroethane	ND		1.0	0.32	ug/L			07/21/25 16:44	1
Chloroform	ND		1.0	0.34	ug/L			07/21/25 16:44	1
Chloromethane	**7.1**		1.0	0.35	ug/L			07/21/25 16:44	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/21/25 16:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/21/25 16:44	1
Cyclohexane	ND		1.0	0.18	ug/L			07/21/25 16:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/21/25 16:44	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/21/25 16:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/21/25 16:44	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/21/25 16:44	1
Methyl acetate	ND		2.5	1.3	ug/L			07/21/25 16:44	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/21/25 16:44	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/21/25 16:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/21/25 16:44	1
Styrene	ND		1.0	0.73	ug/L			07/21/25 16:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/21/25 16:44	1
Toluene	ND		1.0	0.51	ug/L			07/21/25 16:44	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/21/25 16:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/21/25 16:44	1
Trichloroethene	ND		1.0	0.46	ug/L			07/21/25 16:44	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/21/25 16:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/21/25 16:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/21/25 16:44	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW-1R
Lab Sample ID: 480-231111-8
Date Collected: 07/15/25 09:50
Matrix: Water
Date Received: 07/15/25 14:28

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		07/21/25 16:44	1
4-Bromofluorobenzene (Surr)	100		73 - 120		07/21/25 16:44	1
Dibromofluoromethane (Surr)	101		75 - 123		07/21/25 16:44	1
Toluene-d8 (Surr)	100		80 - 120		07/21/25 16:44	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW-5R
Lab Sample ID: 480-231111-9
Date Collected: 07/15/25 10:45
Matrix: Water
Date Received: 07/15/25 14:28

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/21/25 17:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/21/25 17:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/21/25 17:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/21/25 17:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/21/25 17:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/21/25 17:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/21/25 17:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/21/25 17:06	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/21/25 17:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/21/25 17:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/21/25 17:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/21/25 17:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/21/25 17:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/21/25 17:06	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			07/21/25 17:06	1
2-Hexanone	ND		5.0	1.2	ug/L			07/21/25 17:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/21/25 17:06	1
Acetone	ND		10	3.0	ug/L			07/21/25 17:06	1
Benzene	ND		1.0	0.41	ug/L			07/21/25 17:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/21/25 17:06	1
Bromoform	ND		1.0	0.26	ug/L			07/21/25 17:06	1
Bromomethane	ND		1.0	0.69	ug/L			07/21/25 17:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/21/25 17:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/21/25 17:06	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/21/25 17:06	1
Chloroethane	ND		1.0	0.32	ug/L			07/21/25 17:06	1
Chloroform	ND		1.0	0.34	ug/L			07/21/25 17:06	1
Chloromethane	ND		1.0	0.35	ug/L			07/21/25 17:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/21/25 17:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/21/25 17:06	1
Cyclohexane	ND		1.0	0.18	ug/L			07/21/25 17:06	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/21/25 17:06	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/21/25 17:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/21/25 17:06	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/21/25 17:06	1
Methyl acetate	ND		2.5	1.3	ug/L			07/21/25 17:06	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/21/25 17:06	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/21/25 17:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/21/25 17:06	1
Styrene	ND		1.0	0.73	ug/L			07/21/25 17:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/21/25 17:06	1
Toluene	ND		1.0	0.51	ug/L			07/21/25 17:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/21/25 17:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/21/25 17:06	1
Trichloroethene	**0.77**	**J**	1.0	0.46	ug/L			07/21/25 17:06	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/21/25 17:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/21/25 17:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/21/25 17:06	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW-5R
Lab Sample ID: 480-231111-9
Date Collected: 07/15/25 10:45
Matrix: Water
Date Received: 07/15/25 14:28

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		07/21/25 17:06	1
4-Bromofluorobenzene (Surr)	99		73 - 120		07/21/25 17:06	1
Dibromofluoromethane (Surr)	101		75 - 123		07/21/25 17:06	1
Toluene-d8 (Surr)	98		80 - 120		07/21/25 17:06	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW-2
Lab Sample ID: 480-231111-10
Date Collected: 07/15/25 12:20
Matrix: Water
Date Received: 07/15/25 14:28

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/21/25 17:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/21/25 17:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/21/25 17:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/21/25 17:29	1
1,1-Dichloroethane	**1.7**		1.0	0.38	ug/L			07/21/25 17:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/21/25 17:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/21/25 17:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/21/25 17:29	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/21/25 17:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/21/25 17:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/21/25 17:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/21/25 17:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/21/25 17:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/21/25 17:29	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			07/21/25 17:29	1
2-Hexanone	ND		5.0	1.2	ug/L			07/21/25 17:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/21/25 17:29	1
Acetone	ND		10	3.0	ug/L			07/21/25 17:29	1
Benzene	ND		1.0	0.41	ug/L			07/21/25 17:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/21/25 17:29	1
Bromoform	ND		1.0	0.26	ug/L			07/21/25 17:29	1
Bromomethane	ND		1.0	0.69	ug/L			07/21/25 17:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/21/25 17:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/21/25 17:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/21/25 17:29	1
Chloroethane	ND		1.0	0.32	ug/L			07/21/25 17:29	1
Chloroform	ND		1.0	0.34	ug/L			07/21/25 17:29	1
Chloromethane	ND		1.0	0.35	ug/L			07/21/25 17:29	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/21/25 17:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/21/25 17:29	1
Cyclohexane	ND		1.0	0.18	ug/L			07/21/25 17:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/21/25 17:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/21/25 17:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/21/25 17:29	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/21/25 17:29	1
Methyl acetate	ND		2.5	1.3	ug/L			07/21/25 17:29	1
Methyl tert-butyl ether	**2.5**		1.0	0.16	ug/L			07/21/25 17:29	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/21/25 17:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/21/25 17:29	1
Styrene	ND		1.0	0.73	ug/L			07/21/25 17:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/21/25 17:29	1
Toluene	ND		1.0	0.51	ug/L			07/21/25 17:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/21/25 17:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/21/25 17:29	1
Trichloroethene	ND		1.0	0.46	ug/L			07/21/25 17:29	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/21/25 17:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/21/25 17:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/21/25 17:29	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW-2
Lab Sample ID: 480-231111-10
Date Collected: 07/15/25 12:20
Matrix: Water
Date Received: 07/15/25 14:28

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		07/21/25 17:29	1
4-Bromofluorobenzene (Surr)	101		73 - 120		07/21/25 17:29	1
Dibromofluoromethane (Surr)	100		75 - 123		07/21/25 17:29	1
Toluene-d8 (Surr)	98		80 - 120		07/21/25 17:29	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW-3
Lab Sample ID: 480-231111-11
Date Collected: 07/15/25 13:25
Matrix: Water
Date Received: 07/15/25 14:28

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/21/25 17:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/21/25 17:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/21/25 17:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/21/25 17:51	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/21/25 17:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/21/25 17:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/21/25 17:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/21/25 17:51	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/21/25 17:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/21/25 17:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/21/25 17:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/21/25 17:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/21/25 17:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/21/25 17:51	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			07/21/25 17:51	1
2-Hexanone	ND		5.0	1.2	ug/L			07/21/25 17:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/21/25 17:51	1
Acetone	ND		10	3.0	ug/L			07/21/25 17:51	1
Benzene	ND		1.0	0.41	ug/L			07/21/25 17:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/21/25 17:51	1
Bromoform	ND		1.0	0.26	ug/L			07/21/25 17:51	1
Bromomethane	ND		1.0	0.69	ug/L			07/21/25 17:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/21/25 17:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/21/25 17:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/21/25 17:51	1
Chloroethane	ND		1.0	0.32	ug/L			07/21/25 17:51	1
Chloroform	ND		1.0	0.34	ug/L			07/21/25 17:51	1
Chloromethane	ND		1.0	0.35	ug/L			07/21/25 17:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/21/25 17:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/21/25 17:51	1
Cyclohexane	ND		1.0	0.18	ug/L			07/21/25 17:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/21/25 17:51	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/21/25 17:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/21/25 17:51	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/21/25 17:51	1
Methyl acetate	ND		2.5	1.3	ug/L			07/21/25 17:51	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/21/25 17:51	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/21/25 17:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/21/25 17:51	1
Styrene	ND		1.0	0.73	ug/L			07/21/25 17:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/21/25 17:51	1
Toluene	ND		1.0	0.51	ug/L			07/21/25 17:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/21/25 17:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/21/25 17:51	1
Trichloroethene	ND		1.0	0.46	ug/L			07/21/25 17:51	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/21/25 17:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/21/25 17:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/21/25 17:51	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW-3
Lab Sample ID: 480-231111-11
Date Collected: 07/15/25 13:25
Matrix: Water
Date Received: 07/15/25 14:28

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		07/21/25 17:51	1
4-Bromofluorobenzene (Surr)	101		73 - 120		07/21/25 17:51	1
Dibromofluoromethane (Surr)	102		75 - 123		07/21/25 17:51	1
Toluene-d8 (Surr)	97		80 - 120		07/21/25 17:51	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: DUP
Lab Sample ID: 480-231111-12
Date Collected: 07/15/25 00:00
Matrix: Water
Date Received: 07/15/25 14:28

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/21/25 18:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/21/25 18:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/21/25 18:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/21/25 18:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/21/25 18:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/21/25 18:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/21/25 18:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/21/25 18:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/21/25 18:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/21/25 18:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/21/25 18:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/21/25 18:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/21/25 18:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/21/25 18:14	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			07/21/25 18:14	1
2-Hexanone	ND		5.0	1.2	ug/L			07/21/25 18:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/21/25 18:14	1
Acetone	ND		10	3.0	ug/L			07/21/25 18:14	1
Benzene	ND		1.0	0.41	ug/L			07/21/25 18:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/21/25 18:14	1
Bromoform	ND		1.0	0.26	ug/L			07/21/25 18:14	1
Bromomethane	ND		1.0	0.69	ug/L			07/21/25 18:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/21/25 18:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/21/25 18:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/21/25 18:14	1
Chloroethane	ND		1.0	0.32	ug/L			07/21/25 18:14	1
Chloroform	ND		1.0	0.34	ug/L			07/21/25 18:14	1
Chloromethane	ND		1.0	0.35	ug/L			07/21/25 18:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/21/25 18:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/21/25 18:14	1
Cyclohexane	ND		1.0	0.18	ug/L			07/21/25 18:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/21/25 18:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/21/25 18:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/21/25 18:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/21/25 18:14	1
Methyl acetate	ND		2.5	1.3	ug/L			07/21/25 18:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/21/25 18:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/21/25 18:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/21/25 18:14	1
Styrene	ND		1.0	0.73	ug/L			07/21/25 18:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/21/25 18:14	1
Toluene	ND		1.0	0.51	ug/L			07/21/25 18:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/21/25 18:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/21/25 18:14	1
Trichloroethene	ND		1.0	0.46	ug/L			07/21/25 18:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/21/25 18:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/21/25 18:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/21/25 18:14	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: DUP
Lab Sample ID: 480-231111-12
Date Collected: 07/15/25 00:00
Matrix: Water
Date Received: 07/15/25 14:28

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		07/21/25 18:14	1
4-Bromofluorobenzene (Surr)	100		73 - 120		07/21/25 18:14	1
Dibromofluoromethane (Surr)	101		75 - 123		07/21/25 18:14	1
Toluene-d8 (Surr)	98		80 - 120		07/21/25 18:14	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: Trip Blank
Lab Sample ID: 480-231111-13
Date Collected: 07/15/25 00:00
Matrix: Water
Date Received: 07/15/25 14:28

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/21/25 18:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/21/25 18:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/21/25 18:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/21/25 18:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/21/25 18:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/21/25 18:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/21/25 18:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/21/25 18:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/21/25 18:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/21/25 18:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/21/25 18:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/21/25 18:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/21/25 18:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/21/25 18:36	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			07/21/25 18:36	1
2-Hexanone	ND		5.0	1.2	ug/L			07/21/25 18:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/21/25 18:36	1
Acetone	ND		10	3.0	ug/L			07/21/25 18:36	1
Benzene	ND		1.0	0.41	ug/L			07/21/25 18:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/21/25 18:36	1
Bromoform	ND		1.0	0.26	ug/L			07/21/25 18:36	1
Bromomethane	ND		1.0	0.69	ug/L			07/21/25 18:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/21/25 18:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/21/25 18:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/21/25 18:36	1
Chloroethane	ND		1.0	0.32	ug/L			07/21/25 18:36	1
Chloroform	ND		1.0	0.34	ug/L			07/21/25 18:36	1
Chloromethane	ND		1.0	0.35	ug/L			07/21/25 18:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/21/25 18:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/21/25 18:36	1
Cyclohexane	ND		1.0	0.18	ug/L			07/21/25 18:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/21/25 18:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/21/25 18:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/21/25 18:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/21/25 18:36	1
Methyl acetate	ND		2.5	1.3	ug/L			07/21/25 18:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/21/25 18:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/21/25 18:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/21/25 18:36	1
Styrene	ND		1.0	0.73	ug/L			07/21/25 18:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/21/25 18:36	1
Toluene	ND		1.0	0.51	ug/L			07/21/25 18:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/21/25 18:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/21/25 18:36	1
Trichloroethene	ND		1.0	0.46	ug/L			07/21/25 18:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/21/25 18:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/21/25 18:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/21/25 18:36	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: Trip Blank
Lab Sample ID: 480-231111-13
Date Collected: 07/15/25 00:00
Matrix: Water
Date Received: 07/15/25 14:28

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		07/21/25 18:36	1
4-Bromofluorobenzene (Surr)	100		73 - 120		07/21/25 18:36	1
Dibromofluoromethane (Surr)	102		75 - 123		07/21/25 18:36	1
Toluene-d8 (Surr)	100		80 - 120		07/21/25 18:36	1

Surrogate Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-231111-1	MW-7	99	100	100	97
480-231111-1 MS	MW-7	101	97	101	102
480-231111-1 MSD	MW-7	97	98	99	101
480-231111-2	TW-1	101	102	102	98
480-231111-3	TW-4	101	101	102	96
480-231111-4	TW-2	100	101	99	97
480-231111-5	MW-6	100	102	100	99
480-231111-6	MW-4	99	102	100	100
480-231111-7	TW-3	105	97	110	106
480-231111-8	MW-1R	102	100	101	100
480-231111-9	MW-5R	102	99	101	98
480-231111-10	MW-2	100	101	100	98
480-231111-11	MW-3	101	101	102	97
480-231111-12	DUP	102	100	101	98
480-231111-13	Trip Blank	102	100	102	100
LCS 480-752127/6	Lab Control Sample	102	97	95	95
LCS 480-752278/6	Lab Control Sample	105	93	98	98
MB 480-752127/8	Method Blank	98	101	97	98
MB 480-752278/8	Method Blank	102	99	100	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-752127/8
Matrix: Water
Analysis Batch: 752127

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/18/25 14:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/18/25 14:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/18/25 14:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/18/25 14:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/18/25 14:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/18/25 14:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/18/25 14:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/18/25 14:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/18/25 14:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/18/25 14:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/18/25 14:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/18/25 14:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/18/25 14:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/18/25 14:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/18/25 14:49	1
2-Hexanone	ND		5.0	1.2	ug/L			07/18/25 14:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/18/25 14:49	1
Acetone	ND		10	3.0	ug/L			07/18/25 14:49	1
Benzene	ND		1.0	0.41	ug/L			07/18/25 14:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/18/25 14:49	1
Bromoform	ND		1.0	0.26	ug/L			07/18/25 14:49	1
Bromomethane	ND		1.0	0.69	ug/L			07/18/25 14:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/18/25 14:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/18/25 14:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/18/25 14:49	1
Chloroethane	ND		1.0	0.32	ug/L			07/18/25 14:49	1
Chloroform	ND		1.0	0.34	ug/L			07/18/25 14:49	1
Chloromethane	ND		1.0	0.35	ug/L			07/18/25 14:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/18/25 14:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/18/25 14:49	1
Cyclohexane	ND		1.0	0.18	ug/L			07/18/25 14:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/18/25 14:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/18/25 14:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/18/25 14:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/18/25 14:49	1
Methyl acetate	ND		2.5	1.3	ug/L			07/18/25 14:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/18/25 14:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/18/25 14:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/18/25 14:49	1
Styrene	ND		1.0	0.73	ug/L			07/18/25 14:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/18/25 14:49	1
Toluene	ND		1.0	0.51	ug/L			07/18/25 14:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/18/25 14:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/18/25 14:49	1
Trichloroethene	ND		1.0	0.46	ug/L			07/18/25 14:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/18/25 14:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/18/25 14:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/18/25 14:49	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-752127/8
Matrix: Water
Analysis Batch: 752127

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		07/18/25 14:49	1
4-Bromofluorobenzene (Surr)	101		73 - 120		07/18/25 14:49	1
Dibromofluoromethane (Surr)	97		75 - 123		07/18/25 14:49	1
Toluene-d8 (Surr)	98		80 - 120		07/18/25 14:49	1

Lab Sample ID: LCS 480-752127/6
Matrix: Water
Analysis Batch: 752127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	27.5		ug/L		110	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.8		ug/L		103	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.5		ug/L		114	61 - 148
1,1,2-Trichloroethane	25.0	25.2		ug/L		101	76 - 122
1,1-Dichloroethane	25.0	27.7		ug/L		111	77 - 120
1,1-Dichloroethene	25.0	28.5		ug/L		114	66 - 127
1,2,4-Trichlorobenzene	25.0	24.2		ug/L		97	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.6		ug/L		107	56 - 134
1,2-Dibromoethane	25.0	26.6		ug/L		106	77 - 120
1,2-Dichlorobenzene	25.0	26.5		ug/L		106	80 - 124
1,2-Dichloroethane	25.0	24.9		ug/L		100	75 - 120
1,2-Dichloropropane	25.0	27.3		ug/L		109	76 - 120
1,3-Dichlorobenzene	25.0	27.0		ug/L		108	77 - 120
1,4-Dichlorobenzene	25.0	26.1		ug/L		105	80 - 120
2-Butanone (MEK)	125	238	*+	ug/L		190	57 - 140
2-Hexanone	125	122		ug/L		98	65 - 127
4-Methyl-2-pentanone (MIBK)	125	122		ug/L		98	71 - 125
Acetone	125	125		ug/L		100	56 - 142
Benzene	25.0	27.3		ug/L		109	71 - 124
Bromodichloromethane	25.0	27.0		ug/L		108	80 - 122
Bromoform	25.0	27.4		ug/L		110	61 - 132
Bromomethane	25.0	24.8		ug/L		99	55 - 144
Carbon disulfide	25.0	28.1		ug/L		112	59 - 134
Carbon tetrachloride	25.0	28.7		ug/L		115	72 - 134
Chlorobenzene	25.0	25.9		ug/L		104	80 - 120
Chloroethane	25.0	30.0		ug/L		120	69 - 136
Chloroform	25.0	24.9		ug/L		100	73 - 127
Chloromethane	25.0	27.7		ug/L		111	68 - 124
cis-1,2-Dichloroethene	25.0	27.4		ug/L		110	74 - 124
cis-1,3-Dichloropropene	25.0	30.2		ug/L		121	74 - 124
Cyclohexane	25.0	28.4		ug/L		113	59 - 135
Dibromochloromethane	25.0	26.9		ug/L		107	75 - 125
Dichlorodifluoromethane	25.0	26.2		ug/L		105	59 - 135
Ethylbenzene	25.0	27.1		ug/L		108	77 - 123
Isopropylbenzene	25.0	26.2		ug/L		105	77 - 122
Methyl acetate	50.0	56.6		ug/L		113	74 - 133
Methyl tert-butyl ether	25.0	28.8		ug/L		115	77 - 120
Methylcyclohexane	25.0	28.0		ug/L		112	68 - 134

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-752127/6
Matrix: Water
Analysis Batch: 752127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	27.5		ug/L		110	75 - 124
Styrene	25.0	27.8		ug/L		111	80 - 120
Tetrachloroethene	25.0	29.8		ug/L		119	74 - 122
Toluene	25.0	25.9		ug/L		104	80 - 122
trans-1,2-Dichloroethene	25.0	28.4		ug/L		114	73 - 127
trans-1,3-Dichloropropene	25.0	28.3		ug/L		113	80 - 120
Trichloroethene	25.0	27.6		ug/L		111	74 - 123
Trichlorofluoromethane	25.0	29.4		ug/L		118	62 - 150
Vinyl chloride	25.0	32.7		ug/L		131	65 - 133
Xylenes, Total	50.0	55.0		ug/L		110	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 123*
Toluene-d8 (Surr)	*95*		*80 - 120*

Lab Sample ID: MB 480-752278/8
Matrix: Water
Analysis Batch: 752278

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/21/25 13:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/21/25 13:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/21/25 13:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/21/25 13:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/21/25 13:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/21/25 13:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/21/25 13:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/21/25 13:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/21/25 13:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/21/25 13:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/21/25 13:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/21/25 13:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/21/25 13:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/21/25 13:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/21/25 13:24	1
2-Hexanone	ND		5.0	1.2	ug/L			07/21/25 13:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/21/25 13:24	1
Acetone	ND		10	3.0	ug/L			07/21/25 13:24	1
Benzene	ND		1.0	0.41	ug/L			07/21/25 13:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/21/25 13:24	1
Bromoform	ND		1.0	0.26	ug/L			07/21/25 13:24	1
Bromomethane	ND		1.0	0.69	ug/L			07/21/25 13:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/21/25 13:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/21/25 13:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/21/25 13:24	1
Chloroethane	ND		1.0	0.32	ug/L			07/21/25 13:24	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-752278/8
Matrix: Water
Analysis Batch: 752278

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.34	ug/L			07/21/25 13:24	1
Chloromethane	ND		1.0	0.35	ug/L			07/21/25 13:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/21/25 13:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/21/25 13:24	1
Cyclohexane	ND		1.0	0.18	ug/L			07/21/25 13:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/21/25 13:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/21/25 13:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/21/25 13:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/21/25 13:24	1
Methyl acetate	ND		2.5	1.3	ug/L			07/21/25 13:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/21/25 13:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/21/25 13:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/21/25 13:24	1
Styrene	ND		1.0	0.73	ug/L			07/21/25 13:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/21/25 13:24	1
Toluene	ND		1.0	0.51	ug/L			07/21/25 13:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/21/25 13:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/21/25 13:24	1
Trichloroethene	ND		1.0	0.46	ug/L			07/21/25 13:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/21/25 13:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/21/25 13:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/21/25 13:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*07/21/25 13:24*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*07/21/25 13:24*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*07/21/25 13:24*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/21/25 13:24*	*1*

Lab Sample ID: LCS 480-752278/6
Matrix: Water
Analysis Batch: 752278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	27.7		ug/L		111	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.2		ug/L		105	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	29.4		ug/L		118	61 - 148
1,1,2-Trichloroethane	25.0	25.4		ug/L		102	76 - 122
1,1-Dichloroethane	25.0	27.8		ug/L		111	77 - 120
1,1-Dichloroethene	25.0	28.1		ug/L		112	66 - 127
1,2,4-Trichlorobenzene	25.0	26.9		ug/L		108	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	29.6		ug/L		119	56 - 134
1,2-Dibromoethane	25.0	26.3		ug/L		105	77 - 120
1,2-Dichlorobenzene	25.0	26.5		ug/L		106	80 - 124
1,2-Dichloroethane	25.0	24.7		ug/L		99	75 - 120
1,2-Dichloropropane	25.0	26.3		ug/L		105	76 - 120
1,3-Dichlorobenzene	25.0	26.4		ug/L		106	77 - 120
1,4-Dichlorobenzene	25.0	25.2		ug/L		101	80 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-752278/6
Matrix: Water
Analysis Batch: 752278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	125	235	*+	ug/L		188	57 - 140
2-Hexanone	125	116		ug/L		93	65 - 127
4-Methyl-2-pentanone (MIBK)	125	127		ug/L		102	71 - 125
Acetone	125	109		ug/L		87	56 - 142
Benzene	25.0	26.9		ug/L		108	71 - 124
Bromodichloromethane	25.0	26.5		ug/L		106	80 - 122
Bromoform	25.0	26.4		ug/L		106	61 - 132
Bromomethane	25.0	25.4		ug/L		101	55 - 144
Carbon disulfide	25.0	29.2		ug/L		117	59 - 134
Carbon tetrachloride	25.0	28.9		ug/L		116	72 - 134
Chlorobenzene	25.0	25.6		ug/L		102	80 - 120
Chloroethane	25.0	27.3		ug/L		109	69 - 136
Chloroform	25.0	25.4		ug/L		101	73 - 127
Chloromethane	25.0	27.4		ug/L		110	68 - 124
cis-1,2-Dichloroethene	25.0	27.4		ug/L		110	74 - 124
cis-1,3-Dichloropropene	25.0	29.6		ug/L		118	74 - 124
Cyclohexane	25.0	29.1		ug/L		117	59 - 135
Dibromochloromethane	25.0	26.7		ug/L		107	75 - 125
Dichlorodifluoromethane	25.0	30.1		ug/L		120	59 - 135
Ethylbenzene	25.0	26.6		ug/L		107	77 - 123
Isopropylbenzene	25.0	27.2		ug/L		109	77 - 122
Methyl acetate	50.0	57.0		ug/L		114	74 - 133
Methyl tert-butyl ether	25.0	27.8		ug/L		111	77 - 120
Methylcyclohexane	25.0	28.0		ug/L		112	68 - 134
Methylene Chloride	25.0	27.3		ug/L		109	75 - 124
Styrene	25.0	26.5		ug/L		106	80 - 120
Tetrachloroethene	25.0	28.3		ug/L		113	74 - 122
Toluene	25.0	26.3		ug/L		105	80 - 122
trans-1,2-Dichloroethene	25.0	28.0		ug/L		112	73 - 127
trans-1,3-Dichloropropene	25.0	29.2		ug/L		117	80 - 120
Trichloroethene	25.0	27.7		ug/L		111	74 - 123
Trichlorofluoromethane	25.0	27.9		ug/L		112	62 - 150
Vinyl chloride	25.0	30.0		ug/L		120	65 - 133
Xylenes, Total	50.0	54.2		ug/L		108	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*
Dibromofluoromethane (Surr)	*98*		*75 - 123*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 480-231111-1 MS
Matrix: Water
Analysis Batch: 752278

Client Sample ID: MW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		25.0	31.5		ug/L		126	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	27.6		ug/L		111	76 - 120

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-231111-1 MS
Matrix: Water
Analysis Batch: 752278

Client Sample ID: MW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	31.3		ug/L		125	61 - 148
1,1,2-Trichloroethane	ND		25.0	27.5		ug/L		110	76 - 122
1,1-Dichloroethane	ND		25.0	29.3		ug/L		117	77 - 120
1,1-Dichloroethene	ND		25.0	32.6	F1	ug/L		130	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	27.3		ug/L		109	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	28.9		ug/L		116	56 - 134
1,2-Dibromoethane	ND		25.0	28.0		ug/L		112	77 - 120
1,2-Dichlorobenzene	ND		25.0	28.4		ug/L		113	80 - 124
1,2-Dichloroethane	ND		25.0	26.5		ug/L		106	75 - 120
1,2-Dichloropropane	ND		25.0	29.0		ug/L		116	76 - 120
1,3-Dichlorobenzene	ND		25.0	28.4		ug/L		114	77 - 120
1,4-Dichlorobenzene	ND		25.0	27.6		ug/L		111	78 - 124
2-Butanone (MEK)	ND	*+	125	131		ug/L		105	57 - 140
2-Hexanone	ND		125	133		ug/L		107	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	139		ug/L		111	71 - 125
Acetone	ND		125	113		ug/L		91	56 - 142
Benzene	ND		25.0	30.1		ug/L		120	71 - 124
Bromodichloromethane	ND		25.0	28.2		ug/L		113	80 - 122
Bromoform	ND		25.0	26.6		ug/L		106	61 - 132
Bromomethane	ND		25.0	25.1		ug/L		101	55 - 144
Carbon disulfide	ND		25.0	31.0		ug/L		124	59 - 134
Carbon tetrachloride	ND		25.0	31.6		ug/L		126	72 - 134
Chlorobenzene	ND		25.0	28.5		ug/L		114	80 - 120
Chloroethane	ND		25.0	31.3		ug/L		125	69 - 136
Chloroform	ND		25.0	28.4		ug/L		114	73 - 127
Chloromethane	ND		25.0	29.5		ug/L		118	68 - 124
cis-1,2-Dichloroethene	ND		25.0	29.9		ug/L		120	74 - 124
cis-1,3-Dichloropropene	ND		25.0	29.0		ug/L		116	74 - 124
Cyclohexane	ND		25.0	31.8		ug/L		127	59 - 135
Dibromochloromethane	ND		25.0	27.9		ug/L		112	75 - 125
Dichlorodifluoromethane	ND		25.0	30.9		ug/L		123	59 - 135
Ethylbenzene	ND		25.0	30.0		ug/L		120	77 - 123
Isopropylbenzene	ND		25.0	29.0		ug/L		116	77 - 122
Methyl acetate	ND		50.0	52.1		ug/L		104	74 - 133
Methyl tert-butyl ether	ND		25.0	29.5		ug/L		118	77 - 120
Methylcyclohexane	ND		25.0	29.2		ug/L		117	68 - 134
Methylene Chloride	ND		25.0	30.3		ug/L		121	75 - 124
Styrene	ND		25.0	29.4		ug/L		118	80 - 120
Tetrachloroethene	ND		25.0	29.9		ug/L		120	74 - 122
Toluene	ND		25.0	28.9		ug/L		116	80 - 122
trans-1,2-Dichloroethene	ND		25.0	31.5		ug/L		126	73 - 127
trans-1,3-Dichloropropene	ND		25.0	29.2		ug/L		117	80 - 120
Trichloroethene	ND		25.0	30.4		ug/L		122	74 - 123
Trichlorofluoromethane	ND		25.0	31.3		ug/L		125	62 - 150
Vinyl chloride	ND		25.0	32.3		ug/L		129	65 - 133
Xylenes, Total	ND		50.0	61.5	F1	ug/L		123	76 - 122

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-231111-1 MS
Matrix: Water
Analysis Batch: 752278

Client Sample ID: MW-7
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Dibromofluoromethane (Surr)	*101*		*75 - 123*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 480-231111-1 MSD
Matrix: Water
Analysis Batch: 752278

Client Sample ID: MW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	29.8		ug/L		119	73 - 126	6	15
1,1,2,2-Tetrachloroethane	ND		25.0	26.7		ug/L		107	76 - 120	4	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	29.3		ug/L		117	61 - 148	7	20
1,1,2-Trichloroethane	ND		25.0	26.4		ug/L		106	76 - 122	4	15
1,1-Dichloroethane	ND		25.0	27.6		ug/L		111	77 - 120	6	20
1,1-Dichloroethene	ND		25.0	29.8		ug/L		119	66 - 127	9	16
1,2,4-Trichlorobenzene	ND		25.0	27.5		ug/L		110	79 - 122	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	28.3		ug/L		113	56 - 134	2	15
1,2-Dibromoethane	ND		25.0	27.2		ug/L		109	77 - 120	3	15
1,2-Dichlorobenzene	ND		25.0	27.4		ug/L		110	80 - 124	4	20
1,2-Dichloroethane	ND		25.0	25.9		ug/L		104	75 - 120	2	20
1,2-Dichloropropane	ND		25.0	27.8		ug/L		111	76 - 120	4	20
1,3-Dichlorobenzene	ND		25.0	27.6		ug/L		110	77 - 120	3	20
1,4-Dichlorobenzene	ND		25.0	26.2		ug/L		105	78 - 124	5	20
2-Butanone (MEK)	ND	*+	125	126		ug/L		100	57 - 140	5	20
2-Hexanone	ND		125	128		ug/L		103	65 - 127	4	15
4-Methyl-2-pentanone (MIBK)	ND		125	132		ug/L		105	71 - 125	5	35
Acetone	ND		125	105		ug/L		84	56 - 142	8	15
Benzene	ND		25.0	28.3		ug/L		113	71 - 124	6	13
Bromodichloromethane	ND		25.0	27.2		ug/L		109	80 - 122	4	15
Bromoform	ND		25.0	26.2		ug/L		105	61 - 132	2	15
Bromomethane	ND		25.0	24.5		ug/L		98	55 - 144	3	15
Carbon disulfide	ND		25.0	28.9		ug/L		116	59 - 134	7	15
Carbon tetrachloride	ND		25.0	30.4		ug/L		121	72 - 134	4	15
Chlorobenzene	ND		25.0	27.0		ug/L		108	80 - 120	5	25
Chloroethane	ND		25.0	29.3		ug/L		117	69 - 136	7	15
Chloroform	ND		25.0	26.9		ug/L		108	73 - 127	6	20
Chloromethane	ND		25.0	27.5		ug/L		110	68 - 124	7	15
cis-1,2-Dichloroethene	ND		25.0	28.4		ug/L		113	74 - 124	5	15
cis-1,3-Dichloropropene	ND		25.0	28.5		ug/L		114	74 - 124	2	15
Cyclohexane	ND		25.0	30.1		ug/L		121	59 - 135	5	20
Dibromochloromethane	ND		25.0	27.2		ug/L		109	75 - 125	3	15
Dichlorodifluoromethane	ND		25.0	27.7		ug/L		111	59 - 135	11	20
Ethylbenzene	ND		25.0	28.6		ug/L		114	77 - 123	5	15
Isopropylbenzene	ND		25.0	27.8		ug/L		111	77 - 122	4	20
Methyl acetate	ND		50.0	46.9		ug/L		94	74 - 133	11	20
Methyl tert-butyl ether	ND		25.0	27.4		ug/L		109	77 - 120	7	37
Methylcyclohexane	ND		25.0	27.8		ug/L		111	68 - 134	5	20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-231111-1 MSD
Matrix: Water
Analysis Batch: 752278

Client Sample ID: MW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylene Chloride	ND		25.0	28.3		ug/L		113	75 - 124	7	15
Styrene	ND		25.0	28.3		ug/L		113	80 - 120	4	20
Tetrachloroethene	ND		25.0	29.4		ug/L		117	74 - 122	2	20
Toluene	ND		25.0	28.1		ug/L		112	80 - 122	3	15
trans-1,2-Dichloroethene	ND		25.0	29.2		ug/L		117	73 - 127	8	20
trans-1,3-Dichloropropene	ND		25.0	28.7		ug/L		115	80 - 120	2	15
Trichloroethene	ND		25.0	28.9		ug/L		115	74 - 123	5	16
Trichlorofluoromethane	ND		25.0	28.4		ug/L		114	62 - 150	9	20
Vinyl chloride	ND		25.0	30.5		ug/L		122	65 - 133	6	15
Xylenes, Total	ND		50.0	58.7		ug/L		117	76 - 122	5	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Dibromofluoromethane (Surr)	*99*		*75 - 123*
Toluene-d8 (Surr)	*101*		*80 - 120*

QC Association Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

GC/MS VOA

Analysis Batch: 752127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231111-1	MW-7	Total/NA	Water	8260C	
480-231111-2	TW-1	Total/NA	Water	8260C	
480-231111-3	TW-4	Total/NA	Water	8260C	
MB 480-752127/8	Method Blank	Total/NA	Water	8260C	
LCS 480-752127/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 752278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-231111-4	TW-2	Total/NA	Water	8260C	
480-231111-5	MW-6	Total/NA	Water	8260C	
480-231111-6	MW-4	Total/NA	Water	8260C	
480-231111-7	TW-3	Total/NA	Water	8260C	
480-231111-8	MW-1R	Total/NA	Water	8260C	
480-231111-9	MW-5R	Total/NA	Water	8260C	
480-231111-10	MW-2	Total/NA	Water	8260C	
480-231111-11	MW-3	Total/NA	Water	8260C	
480-231111-12	DUP	Total/NA	Water	8260C	
480-231111-13	Trip Blank	Total/NA	Water	8260C	
MB 480-752278/8	Method Blank	Total/NA	Water	8260C	
LCS 480-752278/6	Lab Control Sample	Total/NA	Water	8260C	
480-231111-1 MS	MW-7	Total/NA	Water	8260C	
480-231111-1 MSD	MW-7	Total/NA	Water	8260C	

Lab Chronicle

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW-7
Lab Sample ID: 480-231111-1
Date Collected: 07/14/25 10:40
Matrix: Water
Date Received: 07/15/25 14:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	752127	AXK	EET BUF	07/18/25 17:05

Client Sample ID: TW-1
Lab Sample ID: 480-231111-2
Date Collected: 07/14/25 12:45
Matrix: Water
Date Received: 07/15/25 14:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	752127	AXK	EET BUF	07/18/25 17:28

Client Sample ID: TW-4
Lab Sample ID: 480-231111-3
Date Collected: 07/14/25 13:15
Matrix: Water
Date Received: 07/15/25 14:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	752127	AXK	EET BUF	07/18/25 17:50

Client Sample ID: TW-2
Lab Sample ID: 480-231111-4
Date Collected: 07/14/25 11:15
Matrix: Water
Date Received: 07/15/25 14:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	752278	AXK	EET BUF	07/21/25 14:32

Client Sample ID: MW-6
Lab Sample ID: 480-231111-5
Date Collected: 07/14/25 11:50
Matrix: Water
Date Received: 07/15/25 14:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	752278	AXK	EET BUF	07/21/25 14:54

Client Sample ID: MW-4
Lab Sample ID: 480-231111-6
Date Collected: 07/14/25 13:45
Matrix: Water
Date Received: 07/15/25 14:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	752278	AXK	EET BUF	07/21/25 15:39

Client Sample ID: TW-3
Lab Sample ID: 480-231111-7
Date Collected: 07/14/25 14:25
Matrix: Water
Date Received: 07/15/25 14:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	752278	AXK	EET BUF	07/21/25 16:22

Lab Chronicle

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW-1R
Lab Sample ID: 480-231111-8
Date Collected: 07/15/25 09:50
Matrix: Water
Date Received: 07/15/25 14:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	752278	AXK	EET BUF	07/21/25 16:44

Client Sample ID: MW-5R
Lab Sample ID: 480-231111-9
Date Collected: 07/15/25 10:45
Matrix: Water
Date Received: 07/15/25 14:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	752278	AXK	EET BUF	07/21/25 17:06

Client Sample ID: MW-2
Lab Sample ID: 480-231111-10
Date Collected: 07/15/25 12:20
Matrix: Water
Date Received: 07/15/25 14:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	752278	AXK	EET BUF	07/21/25 17:29

Client Sample ID: MW-3
Lab Sample ID: 480-231111-11
Date Collected: 07/15/25 13:25
Matrix: Water
Date Received: 07/15/25 14:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	752278	AXK	EET BUF	07/21/25 17:51

Client Sample ID: DUP
Lab Sample ID: 480-231111-12
Date Collected: 07/15/25 00:00
Matrix: Water
Date Received: 07/15/25 14:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	752278	AXK	EET BUF	07/21/25 18:14

Client Sample ID: Trip Blank
Lab Sample ID: 480-231111-13
Date Collected: 07/15/25 00:00
Matrix: Water
Date Received: 07/15/25 14:28

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	752278	AXK	EET BUF	07/21/25 18:36

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Laboratory: Eurofins Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

Method Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-231111-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-231111-1	MW-7	Water	07/14/25 10:40	07/15/25 14:28
480-231111-2	TW-1	Water	07/14/25 12:45	07/15/25 14:28
480-231111-3	TW-4	Water	07/14/25 13:15	07/15/25 14:28
480-231111-4	TW-2	Water	07/14/25 11:15	07/15/25 14:28
480-231111-5	MW-6	Water	07/14/25 11:50	07/15/25 14:28
480-231111-6	MW-4	Water	07/14/25 13:45	07/15/25 14:28
480-231111-7	TW-3	Water	07/14/25 14:25	07/15/25 14:28
480-231111-8	MW-1R	Water	07/15/25 09:50	07/15/25 14:28
480-231111-9	MW-5R	Water	07/15/25 10:45	07/15/25 14:28
480-231111-10	MW-2	Water	07/15/25 12:20	07/15/25 14:28
480-231111-11	MW-3	Water	07/15/25 13:25	07/15/25 14:28
480-231111-12	DUP	Water	07/15/25 00:00	07/15/25 14:28
480-231111-13	Trip Blank	Water	07/15/25 00:00	07/15/25 14:28

Eurofins Buffalo
10 Hazelwood Drive

Amherst, NY 14228-2223
phone 716.691.2600 fax 716.691.7991

Chain of Custody Record

eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing America

Client Contact	**Project Manager:** Nate Munley		COC No:
Your Company Name here: Rouk	**Email:** nmunley@roukinc.com	**Site Contact:** A. Koons	**Date:** 7/15/25	1 of 1 COCs
Address: 2558 Hamburg Turnpk	**Tel/Fax:**	**Lab Contact:**	**Carrier:**	TALS Project #:
City/State/Zip: Buffalo NY	**Analysis Turnaround Time**			Sampler:
(xxx) xxx-xxxx Phone	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only:**
(xxx) xxx-xxxx FAX	TAT if different from Below ____			Walk-in Client:
Project Name: 1681-1689 Main Street	☐ 2 weeks ☐ 1 week Standard ☐ 2 days ☐ 1 day			Lab Sampling:
Site:				Job / SDG No.:
P O #				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	24 TCL VOC	Sample Specific Notes:
~~MW-1R~~ MW-7	7/14/25	1040	G	H_2O	3		X	X	MS/MSD
TW-1	7/14/25	1245	G	H_2O	3			X	
TW-4	7/14/25	1315	G	H_2O	3			X	
TW-2	7/14/25	1115	G	H_2O	3			X	
MW-6	7/14/25	1150	G	H_2O	3			X	
MW-4	7/14/25	1345	G	H_2O	3			X	
~~DUP~~ TW-2	7/14/25	1425	G	H_2O	3			X	
MW-1R	7/15/25	0950	G	H_2O	3			X	
MW-5R	7/15/25	1045	G	H_2O	3			X	
MW-2	7/15/25	1220	G	H_2O	3			X	
MW-3	7/15/25	1325	G	H_2O	3			X	
DUP	7/14/25	—	G	H_2O	3			X	
								24	

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samp

☐ Return to Client ☒ Disposal by Lab ☐ Archive for ____ Months

480-231111 Chain of Custody

Special Instructions/QC Requirements & Comments:
Please analyze trip Blank for NYTCL VOCs

5.5 ICE IR#5C

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: ____ Corr'd: ____		Therm ID No.:	
Relinquished by: Andrew Koons	Company: Rouk	Date/Time: 7/15/25 1430	Received by:	Company: TAB	Date/Time: 7-15-25 1428	
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:	
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:	

7/23/2025 (Rev. 1)

Eurofins Buffalo
10 Hazelwood Drive

Amherst, NY 14228-2223
phone 716.691.2600 fax 716.691.7991

Chain of Custody Record

eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing America

Client Contact	**Project Manager:** Nate Munley		COC No:
Your Company Name here: Rouk	**Email:** nmunley@roukinc.com	**Site Contact:** A. Koons	**Date:** 7/15/25 — 1 of 1 COCs
Address: 2558 Hamburg Turnpk	**Tel/Fax:**	**Lab Contact:**	**Carrier:** — TALS Project #:
City/State/Zip: Buffalo NY	**Analysis Turnaround Time**		Sampler:
(xxx) xxx-xxxx Phone	☐ CALENDAR DAYS ☐ WORKING DAYS		**For Lab Use Only:**
(xxx) xxx-xxxx FAX	TAT if different from Below ____		Walk-in Client:
Project Name: 1681-1689 Main Street	☐ 2 weeks ☐ 1 week Standard ☐ 2 days ☐ 1 day		Lab Sampling:
Site:			Job / SDG No.:
P O #			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	2 NYTCL VOC	Sample Specific Notes:
~~MW-7R~~ MW-7	7/14/25	1040	G	H_2O	3		X	X	MS/MSD
TW-1	7/14/25	1215	G	H_2O	3			X	
TW-4	7/14/25	1315	G	H_2O	3			X	
TW-2	7/14/25	1115	G	H_2O	3			X	
MW-6	7/14/25	1150	G	H_2O	3			X	
MW-4	7/14/25	1345	G	H_2O	3			X	
~~DUP~~ TW-2	7/14/25	1425	G	H_2O	3			X	
MW-1R	7/15/25	0950	G	H_2O	3			X	
MW-5R	7/15/25	1045	G	H_2O	3			X	
MW-2	7/15/25	1220	G	H_2O	3			X	
MW-3	7/15/25	1325	G	H_2O	3			X	
DUP	7/14/25	—	G	H_2O	3			X	
								2	

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samp

☐ Return to Client ☑ Disposal by Lab ☐ Archive for ____ Months

480-231111 Chain of Custody

Special Instructions/QC Requirements & Comments:
Please analyze trip Blank for NYTCL VOCs

5.5 ICE IR#5C

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: ____ Corr'd: ____		Therm ID No.:	
Relinquished by: Andrew Koons	Company: Rouk	Date/Time: 7/15/25 1430	Received by:	Company: TAB	Date/Time: 7-15-25 1428	
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:	
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:	

7/23/2025 (Rev. 1)

Login Sample Receipt Checklist

Client: Roux Environmental Engineering and Geology DPC

Job Number: 480-231111-1

Login Number: 231111
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.5 ICE IR# SC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	ROUX
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Roux Environmental Engineering and Geology DPC

Job Number: 480-231111-1

Login Number: 231111
List Number: 2
Creator: Yeager, Brian A

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Terry Branch
Roux Environmental Engineering and Geology DPC
2558 Hamburg Turnpike
Suite 300
Lackawanna, New York 14218

Generated 11/4/2025 2:53:00 PM

JOB DESCRIPTION

1681-1689 Main Street Groundwater IRM

JOB NUMBER

480-234142-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

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Authorized for release by
John Schove, Project Manager II
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Definitions/Glossary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234142-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-234142-1 Eurofins Buffalo

Job Narrative
480-234142-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 11/1/2025 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

Receipt Exceptions
The following sample(s) was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): Lab received trip blank that was not listed on COC. Trip blank was added to login.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-761495 recovered above the upper control limit for Chlorodibromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:TW 4 (480-234142-1), TW 3 (480-234142-2), MW 6 (480-234142-3), MW 4 (480-234142-4) and TB (480-234142-5).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-761495 recovered outside acceptance criteria, low biased, for Methyl tert-butyl ether. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-761495 recovered outside control limits for the following analytes: Chlorodibromomethane and Bromoform. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234142-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW 4 — Lab Sample ID: 480-234142-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.35	J	1.0	0.29	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	8.7		1.0	0.81	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	16		1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene	20		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: TW 3 — Lab Sample ID: 480-234142-2

No Detections.

Client Sample ID: MW 6 — Lab Sample ID: 480-234142-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	1.0		1.0	0.21	ug/L	1		8260C	Total/NA
Trichloroethene	6.1		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW 4 — Lab Sample ID: 480-234142-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.58	J	1.0	0.38	ug/L	1		8260C	Total/NA

Client Sample ID: TB — Lab Sample ID: 480-234142-5

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234142-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW 4
Lab Sample ID: 480-234142-1
Date Collected: 10/30/25 14:30
Matrix: Water
Date Received: 11/01/25 09:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/03/25 14:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/03/25 14:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/03/25 14:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/03/25 14:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/03/25 14:55	1
1,1-Dichloroethene	**0.35**	**J**	1.0	0.29	ug/L			11/03/25 14:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/03/25 14:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/03/25 14:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/03/25 14:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/03/25 14:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/03/25 14:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/03/25 14:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/03/25 14:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/03/25 14:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/03/25 14:55	1
2-Hexanone	ND		5.0	1.2	ug/L			11/03/25 14:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/03/25 14:55	1
Acetone	ND		10	3.0	ug/L			11/03/25 14:55	1
Benzene	ND		1.0	0.41	ug/L			11/03/25 14:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/03/25 14:55	1
Bromoform	ND	*+	1.0	0.26	ug/L			11/03/25 14:55	1
Bromomethane	ND		1.0	0.69	ug/L			11/03/25 14:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/03/25 14:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/03/25 14:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/03/25 14:55	1
Chloroethane	ND		1.0	0.32	ug/L			11/03/25 14:55	1
Chloroform	ND		1.0	0.34	ug/L			11/03/25 14:55	1
Chloromethane	ND		1.0	0.35	ug/L			11/03/25 14:55	1
cis-1,2-Dichloroethene	**8.7**		1.0	0.81	ug/L			11/03/25 14:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/03/25 14:55	1
Cyclohexane	ND		1.0	0.18	ug/L			11/03/25 14:55	1
Dibromochloromethane	ND	*+	1.0	0.32	ug/L			11/03/25 14:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/03/25 14:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/03/25 14:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/03/25 14:55	1
Methyl acetate	ND		2.5	1.3	ug/L			11/03/25 14:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/03/25 14:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/03/25 14:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/03/25 14:55	1
Styrene	ND		1.0	0.73	ug/L			11/03/25 14:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/03/25 14:55	1
Toluene	ND		1.0	0.51	ug/L			11/03/25 14:55	1
trans-1,2-Dichloroethene	**16**		1.0	0.90	ug/L			11/03/25 14:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/03/25 14:55	1
Trichloroethene	**20**		1.0	0.46	ug/L			11/03/25 14:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/03/25 14:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/03/25 14:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/03/25 14:55	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234142-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW 4
Lab Sample ID: 480-234142-1
Date Collected: 10/30/25 14:30
Matrix: Water
Date Received: 11/01/25 09:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		11/03/25 14:55	1
4-Bromofluorobenzene (Surr)	105		73 - 120		11/03/25 14:55	1
Dibromofluoromethane (Surr)	104		75 - 123		11/03/25 14:55	1
Toluene-d8 (Surr)	96		80 - 120		11/03/25 14:55	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234142-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW 3
Lab Sample ID: 480-234142-2
Date Collected: 10/30/25 15:45
Matrix: Water
Date Received: 11/01/25 09:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/03/25 15:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/03/25 15:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/03/25 15:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/03/25 15:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/03/25 15:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/03/25 15:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/03/25 15:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/03/25 15:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/03/25 15:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/03/25 15:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/03/25 15:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/03/25 15:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/03/25 15:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/03/25 15:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/03/25 15:17	1
2-Hexanone	ND		5.0	1.2	ug/L			11/03/25 15:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/03/25 15:17	1
Acetone	ND		10	3.0	ug/L			11/03/25 15:17	1
Benzene	ND		1.0	0.41	ug/L			11/03/25 15:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/03/25 15:17	1
Bromoform	ND	*+	1.0	0.26	ug/L			11/03/25 15:17	1
Bromomethane	ND		1.0	0.69	ug/L			11/03/25 15:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/03/25 15:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/03/25 15:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/03/25 15:17	1
Chloroethane	ND		1.0	0.32	ug/L			11/03/25 15:17	1
Chloroform	ND		1.0	0.34	ug/L			11/03/25 15:17	1
Chloromethane	ND		1.0	0.35	ug/L			11/03/25 15:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/03/25 15:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/03/25 15:17	1
Cyclohexane	ND		1.0	0.18	ug/L			11/03/25 15:17	1
Dibromochloromethane	ND	*+	1.0	0.32	ug/L			11/03/25 15:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/03/25 15:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/03/25 15:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/03/25 15:17	1
Methyl acetate	ND		2.5	1.3	ug/L			11/03/25 15:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/03/25 15:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/03/25 15:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/03/25 15:17	1
Styrene	ND		1.0	0.73	ug/L			11/03/25 15:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/03/25 15:17	1
Toluene	ND		1.0	0.51	ug/L			11/03/25 15:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/03/25 15:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/03/25 15:17	1
Trichloroethene	ND		1.0	0.46	ug/L			11/03/25 15:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/03/25 15:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/03/25 15:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/03/25 15:17	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234142-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW 3
Lab Sample ID: 480-234142-2
Date Collected: 10/30/25 15:45
Matrix: Water
Date Received: 11/01/25 09:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/03/25 15:17	1
4-Bromofluorobenzene (Surr)	104		73 - 120		11/03/25 15:17	1
Dibromofluoromethane (Surr)	108		75 - 123		11/03/25 15:17	1
Toluene-d8 (Surr)	94		80 - 120		11/03/25 15:17	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234142-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW 6
Lab Sample ID: 480-234142-3
Date Collected: 10/31/25 13:10
Matrix: Water
Date Received: 11/01/25 09:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/03/25 15:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/03/25 15:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/03/25 15:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/03/25 15:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/03/25 15:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/03/25 15:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/03/25 15:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/03/25 15:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/03/25 15:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/03/25 15:39	1
1,2-Dichloroethane	**1.0**		1.0	0.21	ug/L			11/03/25 15:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/03/25 15:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/03/25 15:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/03/25 15:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/03/25 15:39	1
2-Hexanone	ND		5.0	1.2	ug/L			11/03/25 15:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/03/25 15:39	1
Acetone	ND		10	3.0	ug/L			11/03/25 15:39	1
Benzene	ND		1.0	0.41	ug/L			11/03/25 15:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/03/25 15:39	1
Bromoform	ND	*+	1.0	0.26	ug/L			11/03/25 15:39	1
Bromomethane	ND		1.0	0.69	ug/L			11/03/25 15:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/03/25 15:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/03/25 15:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/03/25 15:39	1
Chloroethane	ND		1.0	0.32	ug/L			11/03/25 15:39	1
Chloroform	ND		1.0	0.34	ug/L			11/03/25 15:39	1
Chloromethane	ND		1.0	0.35	ug/L			11/03/25 15:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/03/25 15:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/03/25 15:39	1
Cyclohexane	ND		1.0	0.18	ug/L			11/03/25 15:39	1
Dibromochloromethane	ND	*+	1.0	0.32	ug/L			11/03/25 15:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/03/25 15:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/03/25 15:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/03/25 15:39	1
Methyl acetate	ND		2.5	1.3	ug/L			11/03/25 15:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/03/25 15:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/03/25 15:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/03/25 15:39	1
Styrene	ND		1.0	0.73	ug/L			11/03/25 15:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/03/25 15:39	1
Toluene	ND		1.0	0.51	ug/L			11/03/25 15:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/03/25 15:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/03/25 15:39	1
Trichloroethene	**6.1**		1.0	0.46	ug/L			11/03/25 15:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/03/25 15:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/03/25 15:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/03/25 15:39	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234142-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW 6
Lab Sample ID: 480-234142-3
Date Collected: 10/31/25 13:10
Matrix: Water
Date Received: 11/01/25 09:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		11/03/25 15:39	1
4-Bromofluorobenzene (Surr)	103		73 - 120		11/03/25 15:39	1
Dibromofluoromethane (Surr)	99		75 - 123		11/03/25 15:39	1
Toluene-d8 (Surr)	95		80 - 120		11/03/25 15:39	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234142-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW 4
Lab Sample ID: 480-234142-4
Date Collected: 10/31/25 13:50
Matrix: Water
Date Received: 11/01/25 09:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/03/25 16:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/03/25 16:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/03/25 16:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/03/25 16:01	1
1,1-Dichloroethane	**0.58**	**J**	1.0	0.38	ug/L			11/03/25 16:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/03/25 16:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/03/25 16:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/03/25 16:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/03/25 16:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/03/25 16:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/03/25 16:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/03/25 16:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/03/25 16:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/03/25 16:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/03/25 16:01	1
2-Hexanone	ND		5.0	1.2	ug/L			11/03/25 16:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/03/25 16:01	1
Acetone	ND		10	3.0	ug/L			11/03/25 16:01	1
Benzene	ND		1.0	0.41	ug/L			11/03/25 16:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/03/25 16:01	1
Bromoform	ND	*+	1.0	0.26	ug/L			11/03/25 16:01	1
Bromomethane	ND		1.0	0.69	ug/L			11/03/25 16:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/03/25 16:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/03/25 16:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/03/25 16:01	1
Chloroethane	ND		1.0	0.32	ug/L			11/03/25 16:01	1
Chloroform	ND		1.0	0.34	ug/L			11/03/25 16:01	1
Chloromethane	ND		1.0	0.35	ug/L			11/03/25 16:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/03/25 16:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/03/25 16:01	1
Cyclohexane	ND		1.0	0.18	ug/L			11/03/25 16:01	1
Dibromochloromethane	ND	*+	1.0	0.32	ug/L			11/03/25 16:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/03/25 16:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/03/25 16:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/03/25 16:01	1
Methyl acetate	ND		2.5	1.3	ug/L			11/03/25 16:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/03/25 16:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/03/25 16:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/03/25 16:01	1
Styrene	ND		1.0	0.73	ug/L			11/03/25 16:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/03/25 16:01	1
Toluene	ND		1.0	0.51	ug/L			11/03/25 16:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/03/25 16:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/03/25 16:01	1
Trichloroethene	ND		1.0	0.46	ug/L			11/03/25 16:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/03/25 16:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/03/25 16:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/03/25 16:01	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234142-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: MW 4
Lab Sample ID: 480-234142-4
Date Collected: 10/31/25 13:50
Matrix: Water
Date Received: 11/01/25 09:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/03/25 16:01	1
4-Bromofluorobenzene (Surr)	103		73 - 120		11/03/25 16:01	1
Dibromofluoromethane (Surr)	100		75 - 123		11/03/25 16:01	1
Toluene-d8 (Surr)	93		80 - 120		11/03/25 16:01	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234142-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TB
Lab Sample ID: 480-234142-5
Date Collected: 10/31/25 00:00
Matrix: Water
Date Received: 11/01/25 09:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/03/25 16:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/03/25 16:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/03/25 16:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/03/25 16:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/03/25 16:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/03/25 16:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/03/25 16:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/03/25 16:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/03/25 16:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/03/25 16:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/03/25 16:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/03/25 16:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/03/25 16:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/03/25 16:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/03/25 16:24	1
2-Hexanone	ND		5.0	1.2	ug/L			11/03/25 16:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/03/25 16:24	1
Acetone	ND		10	3.0	ug/L			11/03/25 16:24	1
Benzene	ND		1.0	0.41	ug/L			11/03/25 16:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/03/25 16:24	1
Bromoform	ND	*+	1.0	0.26	ug/L			11/03/25 16:24	1
Bromomethane	ND		1.0	0.69	ug/L			11/03/25 16:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/03/25 16:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/03/25 16:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/03/25 16:24	1
Chloroethane	ND		1.0	0.32	ug/L			11/03/25 16:24	1
Chloroform	ND		1.0	0.34	ug/L			11/03/25 16:24	1
Chloromethane	ND		1.0	0.35	ug/L			11/03/25 16:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/03/25 16:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/03/25 16:24	1
Cyclohexane	ND		1.0	0.18	ug/L			11/03/25 16:24	1
Dibromochloromethane	ND	*+	1.0	0.32	ug/L			11/03/25 16:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/03/25 16:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/03/25 16:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/03/25 16:24	1
Methyl acetate	ND		2.5	1.3	ug/L			11/03/25 16:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/03/25 16:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/03/25 16:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/03/25 16:24	1
Styrene	ND		1.0	0.73	ug/L			11/03/25 16:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/03/25 16:24	1
Toluene	ND		1.0	0.51	ug/L			11/03/25 16:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/03/25 16:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/03/25 16:24	1
Trichloroethene	ND		1.0	0.46	ug/L			11/03/25 16:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/03/25 16:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/03/25 16:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/03/25 16:24	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234142-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TB
Lab Sample ID: 480-234142-5
Date Collected: 10/31/25 00:00
Matrix: Water
Date Received: 11/01/25 09:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		11/03/25 16:24	1
4-Bromofluorobenzene (Surr)	103		73 - 120		11/03/25 16:24	1
Dibromofluoromethane (Surr)	96		75 - 123		11/03/25 16:24	1
Toluene-d8 (Surr)	93		80 - 120		11/03/25 16:24	1

Surrogate Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234142-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-234142-1	TW 4	101	105	104	96
480-234142-2	TW 3	105	104	108	94
480-234142-3	MW 6	100	103	99	95
480-234142-4	MW 4	105	103	100	93
480-234142-5	TB	101	103	96	93
LCS 480-761495/6	Lab Control Sample	101	105	99	92
MB 480-761495/8	Method Blank	102	103	101	93

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-761495/8
Matrix: Water
Analysis Batch: 761495

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/03/25 13:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/03/25 13:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/03/25 13:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/03/25 13:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/03/25 13:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/03/25 13:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/03/25 13:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/03/25 13:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/03/25 13:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/03/25 13:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/03/25 13:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/03/25 13:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/03/25 13:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/03/25 13:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/03/25 13:49	1
2-Hexanone	ND		5.0	1.2	ug/L			11/03/25 13:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/03/25 13:49	1
Acetone	ND		10	3.0	ug/L			11/03/25 13:49	1
Benzene	ND		1.0	0.41	ug/L			11/03/25 13:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/03/25 13:49	1
Bromoform	ND		1.0	0.26	ug/L			11/03/25 13:49	1
Bromomethane	ND		1.0	0.69	ug/L			11/03/25 13:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/03/25 13:49	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/03/25 13:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/03/25 13:49	1
Chloroethane	ND		1.0	0.32	ug/L			11/03/25 13:49	1
Chloroform	ND		1.0	0.34	ug/L			11/03/25 13:49	1
Chloromethane	ND		1.0	0.35	ug/L			11/03/25 13:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/03/25 13:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/03/25 13:49	1
Cyclohexane	ND		1.0	0.18	ug/L			11/03/25 13:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/03/25 13:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/03/25 13:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/03/25 13:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/03/25 13:49	1
Methyl acetate	ND		2.5	1.3	ug/L			11/03/25 13:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/03/25 13:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/03/25 13:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/03/25 13:49	1
Styrene	ND		1.0	0.73	ug/L			11/03/25 13:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/03/25 13:49	1
Toluene	ND		1.0	0.51	ug/L			11/03/25 13:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/03/25 13:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/03/25 13:49	1
Trichloroethene	ND		1.0	0.46	ug/L			11/03/25 13:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/03/25 13:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/03/25 13:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/03/25 13:49	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-761495/8
Matrix: Water
Analysis Batch: 761495

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		11/03/25 13:49	1
4-Bromofluorobenzene (Surr)	103		73 - 120		11/03/25 13:49	1
Dibromofluoromethane (Surr)	101		75 - 123		11/03/25 13:49	1
Toluene-d8 (Surr)	93		80 - 120		11/03/25 13:49	1

Lab Sample ID: LCS 480-761495/6
Matrix: Water
Analysis Batch: 761495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	24.7		ug/L		99	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.7		ug/L		99	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	29.3		ug/L		117	61 - 148
1,1,2-Trichloroethane	25.0	24.3		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	24.6		ug/L		98	77 - 120
1,1-Dichloroethene	25.0	27.3		ug/L		109	66 - 127
1,2,4-Trichlorobenzene	25.0	24.5		ug/L		98	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.1		ug/L		104	56 - 134
1,2-Dibromoethane	25.0	24.6		ug/L		99	77 - 120
1,2-Dichlorobenzene	25.0	24.8		ug/L		99	80 - 124
1,2-Dichloroethane	25.0	26.0		ug/L		104	75 - 120
1,2-Dichloropropane	25.0	24.4		ug/L		97	76 - 120
1,3-Dichlorobenzene	25.0	25.7		ug/L		103	77 - 120
1,4-Dichlorobenzene	25.0	24.7		ug/L		99	80 - 120
2-Butanone (MEK)	125	138		ug/L		110	57 - 140
2-Hexanone	125	120		ug/L		96	65 - 127
4-Methyl-2-pentanone (MIBK)	125	115		ug/L		92	71 - 125
Acetone	125	130		ug/L		104	56 - 142
Benzene	25.0	23.7		ug/L		95	71 - 124
Bromodichloromethane	25.0	29.3		ug/L		117	80 - 122
Bromoform	25.0	36.0	*+	ug/L		144	61 - 132
Bromomethane	25.0	23.4		ug/L		94	55 - 144
Carbon disulfide	25.0	21.1		ug/L		85	59 - 134
Carbon tetrachloride	25.0	27.1		ug/L		109	72 - 134
Chlorobenzene	25.0	24.9		ug/L		99	80 - 120
Chloroethane	25.0	23.3		ug/L		93	69 - 136
Chloroform	25.0	23.5		ug/L		94	73 - 127
Chloromethane	25.0	24.6		ug/L		98	68 - 124
cis-1,2-Dichloroethene	25.0	23.3		ug/L		93	74 - 124
cis-1,3-Dichloropropene	25.0	27.5		ug/L		110	74 - 124
Cyclohexane	25.0	23.8		ug/L		95	59 - 135
Dibromochloromethane	25.0	32.4	*+	ug/L		129	75 - 125
Dichlorodifluoromethane	25.0	21.4		ug/L		86	59 - 135
Ethylbenzene	25.0	25.0		ug/L		100	77 - 123
Isopropylbenzene	25.0	25.9		ug/L		103	77 - 122
Methyl acetate	50.0	48.5		ug/L		97	74 - 133
Methyl tert-butyl ether	25.0	20.8		ug/L		83	77 - 120
Methylcyclohexane	25.0	22.7		ug/L		91	68 - 134

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-761495/6
Matrix: Water
Analysis Batch: 761495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	22.9		ug/L		92	75 - 124
Styrene	25.0	24.5		ug/L		98	80 - 120
Tetrachloroethene	25.0	27.7		ug/L		111	74 - 122
Toluene	25.0	23.4		ug/L		94	80 - 122
trans-1,2-Dichloroethene	25.0	21.8		ug/L		87	73 - 127
trans-1,3-Dichloropropene	25.0	26.5		ug/L		106	80 - 120
Trichloroethene	25.0	25.1		ug/L		100	74 - 123
Trichlorofluoromethane	25.0	30.2		ug/L		121	62 - 150
Vinyl chloride	25.0	23.9		ug/L		96	65 - 133
Xylenes, Total	50.0	48.3		ug/L		97	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Dibromofluoromethane (Surr)	*99*		*75 - 123*
Toluene-d8 (Surr)	*92*		*80 - 120*

QC Association Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234142-1
Project/Site: 1681-1689 Main Street Groundwater IRM

GC/MS VOA

Analysis Batch: 761495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-234142-1	TW 4	Total/NA	Water	8260C	
480-234142-2	TW 3	Total/NA	Water	8260C	
480-234142-3	MW 6	Total/NA	Water	8260C	
480-234142-4	MW 4	Total/NA	Water	8260C	
480-234142-5	TB	Total/NA	Water	8260C	
MB 480-761495/8	Method Blank	Total/NA	Water	8260C	
LCS 480-761495/6	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234142-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW 4
Lab Sample ID: 480-234142-1
Date Collected: 10/30/25 14:30
Matrix: Water
Date Received: 11/01/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	761495	LCH	EET BUF	11/03/25 14:55

Client Sample ID: TW 3
Lab Sample ID: 480-234142-2
Date Collected: 10/30/25 15:45
Matrix: Water
Date Received: 11/01/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	761495	LCH	EET BUF	11/03/25 15:17

Client Sample ID: MW 6
Lab Sample ID: 480-234142-3
Date Collected: 10/31/25 13:10
Matrix: Water
Date Received: 11/01/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	761495	LCH	EET BUF	11/03/25 15:39

Client Sample ID: MW 4
Lab Sample ID: 480-234142-4
Date Collected: 10/31/25 13:50
Matrix: Water
Date Received: 11/01/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	761495	LCH	EET BUF	11/03/25 16:01

Client Sample ID: TB
Lab Sample ID: 480-234142-5
Date Collected: 10/31/25 00:00
Matrix: Water
Date Received: 11/01/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	761495	LCH	EET BUF	11/03/25 16:24

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234142-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	1,2-Dibromoethane

Method Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234142-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234142-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-234142-1	TW 4	Water	10/30/25 14:30	11/01/25 09:00	New York
480-234142-2	TW 3	Water	10/30/25 15:45	11/01/25 09:00	New York
480-234142-3	MW 6	Water	10/31/25 13:10	11/01/25 09:00	New York
480-234142-4	MW 4	Water	10/31/25 13:50	11/01/25 09:00	New York
480-234142-5	TB	Water	10/31/25 00:00	11/01/25 09:00	New York

Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

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Client Information	Sampler: TSB	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-209144-41900.1
Client Contact: Andrew Koons	Phone:	E-Mail: John.Schove@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Roux Environmental Engineering and Geology DPC	PWSID:			Job #:
Address: 2558 Hamburg Turnpike Suite 300	Due Date Requested: STD			
City: Lackawanna	TAT Requested (days): STANDARD			
State, Zip: NY, 14218	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 4461.0001B000			
Email: ~~ekoons@rouxinc.com~~ Hbranch@rouxinc.com	WO #:			
Project Name: 1681-1689 Main Street Groundwater IRM	Project #: 48028933			
Site: BUFFALO, NY	SSOW#:			

Analysis Requested

Preservation Codes: A - HCL

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL Volatiles + TICs	8260C - TCL Volatiles +TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
TW4	10/30/25	2:30PM	G	Water			/	/		CAT B
TW3	11	3:45PM	11	Water			/	/		
MW6	10/31/25	1:10PM	11	Water			/	/		ALSO SEND
MW4	11	1:50PM		Water			/	/		RESULTS TO
				Water						nmunley@rouxinc.com
				Water						
				Water						TRIP BLANKS
										IN BUBBLE
										WRAP

480-234142 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed i
☐ Return To Client ☐ Disposal By

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	10-31-25	Roux	[signature]	11-1-25 900	TAB
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.0 ICE

Ver: 10/10/2024

11/4/2025

Login Sample Receipt Checklist

Client: Roux Environmental Engineering and Geology DPC

Job Number: 480-234142-1

Login Number: 234142

List Source: Eurofins Buffalo

List Number: 1

Creator: Yeager, Brian A

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.0 ICE IR# SC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	ROUX
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Roux Environmental Engineering and Geology DPC

Job Number: 480-234142-1

Login Number: 234142

List Source: Eurofins Buffalo

List Number: 2

Creator: Yeager, Brian A

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.0 ICE IR# SC
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Nate Munley
Roux Environmental Engineering and Geology DPC
2558 Hamburg Turnpike
Suite 300
Lackawanna, New York 14218

Generated 11/12/2025 11:12:51 PM

JOB DESCRIPTION

1681-1689 Main Street Groundwater IRM

JOB NUMBER

480-234340-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization

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Authorized for release by
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Definitions/Glossary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234340-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-234340-1 Eurofins Buffalo

Job Narrative
480-234340-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 11/7/2025 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.1°C.

Receipt Exceptions
Time of collection not listed on coc. Info listed on container label was used for login.
TW1 (480-234340-2)

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 762122 recovered above the upper control limit for Carbon tetrachloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:TW2 (480-234340-1) and TW1 (480-234340-2).

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: TW1 (480-234340-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234340-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW2
Lab Sample ID: 480-234340-1

No Detections.

Client Sample ID: TW1
Lab Sample ID: 480-234340-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.52	J	1.0	0.29	ug/L	1		8260C	Total/NA
1,2-Dichloroethane	8.2		1.0	0.21	ug/L	1		8260C	Total/NA
Acetone	3.6	J	10	3.0	ug/L	1		8260C	Total/NA
Benzene	33		1.0	0.41	ug/L	1		8260C	Total/NA
Carbon disulfide	0.36	J	1.0	0.19	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	280	E	1.0	0.81	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	1.4		1.0	0.16	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	29		1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene	280	E	1.0	0.46	ug/L	1		8260C	Total/NA
Vinyl chloride	46		1.0	0.90	ug/L	1		8260C	Total/NA
1,2-Dichloroethane - DL	8.0		5.0	1.1	ug/L	5		8260C	Total/NA
Benzene - DL	33		5.0	2.1	ug/L	5		8260C	Total/NA
cis-1,2-Dichloroethene - DL	280		5.0	4.1	ug/L	5		8260C	Total/NA
Methyl tert-butyl ether - DL	1.4	J	5.0	0.80	ug/L	5		8260C	Total/NA
trans-1,2-Dichloroethene - DL	29		5.0	4.5	ug/L	5		8260C	Total/NA
Trichloroethene - DL	270		5.0	2.3	ug/L	5		8260C	Total/NA
Vinyl chloride - DL	48		5.0	4.5	ug/L	5		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234340-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW2
Lab Sample ID: 480-234340-1
Date Collected: 11/06/25 14:15
Matrix: Water
Date Received: 11/07/25 09:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/10/25 21:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/10/25 21:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/10/25 21:42	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/10/25 21:42	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/10/25 21:42	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/10/25 21:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/10/25 21:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/10/25 21:42	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/10/25 21:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/10/25 21:42	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/10/25 21:42	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/10/25 21:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/10/25 21:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/10/25 21:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/10/25 21:42	1
2-Hexanone	ND		5.0	1.2	ug/L			11/10/25 21:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/10/25 21:42	1
Acetone	ND		10	3.0	ug/L			11/10/25 21:42	1
Benzene	ND		1.0	0.41	ug/L			11/10/25 21:42	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/10/25 21:42	1
Bromoform	ND		1.0	0.26	ug/L			11/10/25 21:42	1
Bromomethane	ND		1.0	0.69	ug/L			11/10/25 21:42	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/10/25 21:42	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/10/25 21:42	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/10/25 21:42	1
Chloroethane	ND		1.0	0.32	ug/L			11/10/25 21:42	1
Chloroform	ND		1.0	0.34	ug/L			11/10/25 21:42	1
Chloromethane	ND		1.0	0.35	ug/L			11/10/25 21:42	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/10/25 21:42	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/10/25 21:42	1
Cyclohexane	ND		1.0	0.18	ug/L			11/10/25 21:42	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/10/25 21:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/10/25 21:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/10/25 21:42	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/10/25 21:42	1
Methyl acetate	ND		2.5	1.3	ug/L			11/10/25 21:42	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/10/25 21:42	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/10/25 21:42	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/10/25 21:42	1
Styrene	ND		1.0	0.73	ug/L			11/10/25 21:42	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/10/25 21:42	1
Toluene	ND		1.0	0.51	ug/L			11/10/25 21:42	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/10/25 21:42	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/10/25 21:42	1
Trichloroethene	ND		1.0	0.46	ug/L			11/10/25 21:42	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/10/25 21:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/10/25 21:42	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/10/25 21:42	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234340-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW2
Lab Sample ID: 480-234340-1
Date Collected: 11/06/25 14:15
Matrix: Water
Date Received: 11/07/25 09:00

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		11/10/25 21:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		11/10/25 21:42	1
4-Bromofluorobenzene (Surr)	99		73 - 120		11/10/25 21:42	1
Dibromofluoromethane (Surr)	102		75 - 123		11/10/25 21:42	1
Toluene-d8 (Surr)	98		80 - 120		11/10/25 21:42	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234340-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW1
Lab Sample ID: 480-234340-2
Date Collected: 11/06/25 13:10
Matrix: Water
Date Received: 11/07/25 09:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/10/25 22:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/10/25 22:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/10/25 22:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/10/25 22:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/10/25 22:05	1
1,1-Dichloroethene	**0.52**	**J**	1.0	0.29	ug/L			11/10/25 22:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/10/25 22:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/10/25 22:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/10/25 22:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/10/25 22:05	1
1,2-Dichloroethane	**8.2**		1.0	0.21	ug/L			11/10/25 22:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/10/25 22:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/10/25 22:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/10/25 22:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/10/25 22:05	1
2-Hexanone	ND		5.0	1.2	ug/L			11/10/25 22:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/10/25 22:05	1
Acetone	**3.6**	**J**	10	3.0	ug/L			11/10/25 22:05	1
Benzene	**33**		1.0	0.41	ug/L			11/10/25 22:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/10/25 22:05	1
Bromoform	ND		1.0	0.26	ug/L			11/10/25 22:05	1
Bromomethane	ND		1.0	0.69	ug/L			11/10/25 22:05	1
Carbon disulfide	**0.36**	**J**	1.0	0.19	ug/L			11/10/25 22:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/10/25 22:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/10/25 22:05	1
Chloroethane	ND		1.0	0.32	ug/L			11/10/25 22:05	1
Chloroform	ND		1.0	0.34	ug/L			11/10/25 22:05	1
Chloromethane	ND		1.0	0.35	ug/L			11/10/25 22:05	1
cis-1,2-Dichloroethene	**280**	**E**	1.0	0.81	ug/L			11/10/25 22:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/10/25 22:05	1
Cyclohexane	ND		1.0	0.18	ug/L			11/10/25 22:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/10/25 22:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/10/25 22:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/10/25 22:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/10/25 22:05	1
Methyl acetate	ND		2.5	1.3	ug/L			11/10/25 22:05	1
Methyl tert-butyl ether	**1.4**		1.0	0.16	ug/L			11/10/25 22:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/10/25 22:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/10/25 22:05	1
Styrene	ND		1.0	0.73	ug/L			11/10/25 22:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/10/25 22:05	1
Toluene	ND		1.0	0.51	ug/L			11/10/25 22:05	1
trans-1,2-Dichloroethene	**29**		1.0	0.90	ug/L			11/10/25 22:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/10/25 22:05	1
Trichloroethene	**280**	**E**	1.0	0.46	ug/L			11/10/25 22:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/10/25 22:05	1
Vinyl chloride	**46**		1.0	0.90	ug/L			11/10/25 22:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/10/25 22:05	1

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234340-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW1
Lab Sample ID: 480-234340-2
Date Collected: 11/06/25 13:10
Matrix: Water
Date Received: 11/07/25 09:00

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		11/10/25 22:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		11/10/25 22:05	1
4-Bromofluorobenzene (Surr)	96		73 - 120		11/10/25 22:05	1
Dibromofluoromethane (Surr)	98		75 - 123		11/10/25 22:05	1
Toluene-d8 (Surr)	100		80 - 120		11/10/25 22:05	1

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			11/11/25 14:03	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			11/11/25 14:03	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			11/11/25 14:03	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			11/11/25 14:03	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			11/11/25 14:03	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			11/11/25 14:03	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			11/11/25 14:03	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			11/11/25 14:03	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			11/11/25 14:03	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			11/11/25 14:03	5
1,2-Dichloroethane	**8.0**		5.0	1.1	ug/L			11/11/25 14:03	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			11/11/25 14:03	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			11/11/25 14:03	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			11/11/25 14:03	5
2-Butanone (MEK)	ND		50	6.6	ug/L			11/11/25 14:03	5
2-Hexanone	ND		25	6.2	ug/L			11/11/25 14:03	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			11/11/25 14:03	5
Acetone	ND		50	15	ug/L			11/11/25 14:03	5
Benzene	**33**		5.0	2.1	ug/L			11/11/25 14:03	5
Bromodichloromethane	ND		5.0	2.0	ug/L			11/11/25 14:03	5
Bromoform	ND		5.0	1.3	ug/L			11/11/25 14:03	5
Bromomethane	ND		5.0	3.5	ug/L			11/11/25 14:03	5
Carbon disulfide	ND		5.0	0.95	ug/L			11/11/25 14:03	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			11/11/25 14:03	5
Chlorobenzene	ND		5.0	3.8	ug/L			11/11/25 14:03	5
Chloroethane	ND		5.0	1.6	ug/L			11/11/25 14:03	5
Chloroform	ND		5.0	1.7	ug/L			11/11/25 14:03	5
Chloromethane	ND		5.0	1.8	ug/L			11/11/25 14:03	5
cis-1,2-Dichloroethene	**280**		5.0	4.1	ug/L			11/11/25 14:03	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			11/11/25 14:03	5
Cyclohexane	ND		5.0	0.90	ug/L			11/11/25 14:03	5
Dibromochloromethane	ND		5.0	1.6	ug/L			11/11/25 14:03	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			11/11/25 14:03	5
Ethylbenzene	ND		5.0	3.7	ug/L			11/11/25 14:03	5
Isopropylbenzene	ND		5.0	4.0	ug/L			11/11/25 14:03	5
Methyl acetate	ND		13	6.5	ug/L			11/11/25 14:03	5
Methyl tert-butyl ether	**1.4**	**J**	5.0	0.80	ug/L			11/11/25 14:03	5
Methylcyclohexane	ND		5.0	0.80	ug/L			11/11/25 14:03	5
Methylene Chloride	ND		5.0	2.2	ug/L			11/11/25 14:03	5
Styrene	ND		5.0	3.7	ug/L			11/11/25 14:03	5

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234340-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW1
Lab Sample ID: 480-234340-2
Date Collected: 11/06/25 13:10
Matrix: Water
Date Received: 11/07/25 09:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		5.0	1.8	ug/L			11/11/25 14:03	5
Toluene	ND		5.0	2.6	ug/L			11/11/25 14:03	5
trans-1,2-Dichloroethene	**29**		5.0	4.5	ug/L			11/11/25 14:03	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			11/11/25 14:03	5
Trichloroethene	**270**		5.0	2.3	ug/L			11/11/25 14:03	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			11/11/25 14:03	5
Vinyl chloride	**48**		5.0	4.5	ug/L			11/11/25 14:03	5
Xylenes, Total	ND		10	3.3	ug/L			11/11/25 14:03	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*11/11/25 14:03*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*11/11/25 14:03*	*5*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*11/11/25 14:03*	*5*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*11/11/25 14:03*	*5*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/11/25 14:03*	*5*

Surrogate Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234340-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-234340-1	TW2	98	99	102	98
480-234340-2	TW1	99	96	98	100
480-234340-2 - DL	TW1	101	104	103	103
LCS 480-762122/6	Lab Control Sample	96	101	102	98
LCS 480-762207/6	Lab Control Sample	95	101	102	102
MB 480-762122/8	Method Blank	98	103	101	98
MB 480-762207/8	Method Blank	99	102	102	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-762122/8
Matrix: Water
Analysis Batch: 762122

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/10/25 12:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/10/25 12:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/10/25 12:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/10/25 12:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/10/25 12:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/10/25 12:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/10/25 12:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/10/25 12:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/10/25 12:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/10/25 12:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/10/25 12:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/10/25 12:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/10/25 12:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/10/25 12:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/10/25 12:50	1
2-Hexanone	ND		5.0	1.2	ug/L			11/10/25 12:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/10/25 12:50	1
Acetone	ND		10	3.0	ug/L			11/10/25 12:50	1
Benzene	ND		1.0	0.41	ug/L			11/10/25 12:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/10/25 12:50	1
Bromoform	ND		1.0	0.26	ug/L			11/10/25 12:50	1
Bromomethane	ND		1.0	0.69	ug/L			11/10/25 12:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			11/10/25 12:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/10/25 12:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/10/25 12:50	1
Chloroethane	ND		1.0	0.32	ug/L			11/10/25 12:50	1
Chloroform	ND		1.0	0.34	ug/L			11/10/25 12:50	1
Chloromethane	ND		1.0	0.35	ug/L			11/10/25 12:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/10/25 12:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/10/25 12:50	1
Cyclohexane	ND		1.0	0.18	ug/L			11/10/25 12:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/10/25 12:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/10/25 12:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/10/25 12:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/10/25 12:50	1
Methyl acetate	ND		2.5	1.3	ug/L			11/10/25 12:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/10/25 12:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/10/25 12:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/10/25 12:50	1
Styrene	ND		1.0	0.73	ug/L			11/10/25 12:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/10/25 12:50	1
Toluene	ND		1.0	0.51	ug/L			11/10/25 12:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/10/25 12:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/10/25 12:50	1
Trichloroethene	ND		1.0	0.46	ug/L			11/10/25 12:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/10/25 12:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/10/25 12:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/10/25 12:50	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-762122/8
Matrix: Water
Analysis Batch: 762122

Client Sample ID: Method Blank
Prep Type: Total/NA

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		11/10/25 12:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		11/10/25 12:50	1
4-Bromofluorobenzene (Surr)	103		73 - 120		11/10/25 12:50	1
Dibromofluoromethane (Surr)	101		75 - 123		11/10/25 12:50	1
Toluene-d8 (Surr)	98		80 - 120		11/10/25 12:50	1

Lab Sample ID: LCS 480-762122/6
Matrix: Water
Analysis Batch: 762122

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	26.3		ug/L		105	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.4		ug/L		102	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.4		ug/L		106	61 - 148
1,1,2-Trichloroethane	25.0	26.0		ug/L		104	76 - 122
1,1-Dichloroethane	25.0	24.6		ug/L		98	77 - 120
1,1-Dichloroethene	25.0	26.4		ug/L		106	66 - 127
1,2,4-Trichlorobenzene	25.0	27.1		ug/L		108	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.1		ug/L		105	56 - 134
1,2-Dibromoethane	25.0	26.4		ug/L		106	77 - 120
1,2-Dichlorobenzene	25.0	25.0		ug/L		100	80 - 124
1,2-Dichloroethane	25.0	25.0		ug/L		100	75 - 120
1,2-Dichloropropane	25.0	26.1		ug/L		104	76 - 120
1,3-Dichlorobenzene	25.0	25.3		ug/L		101	77 - 120
1,4-Dichlorobenzene	25.0	24.4		ug/L		98	80 - 120
2-Butanone (MEK)	125	126		ug/L		101	57 - 140
2-Hexanone	125	129		ug/L		103	65 - 127
4-Methyl-2-pentanone (MIBK)	125	122		ug/L		98	71 - 125
Acetone	125	115		ug/L		92	56 - 142
Benzene	25.0	25.0		ug/L		100	71 - 124
Bromodichloromethane	25.0	25.7		ug/L		103	80 - 122
Bromoform	25.0	27.6		ug/L		111	61 - 132
Bromomethane	25.0	24.6		ug/L		99	55 - 144
Carbon disulfide	25.0	25.8		ug/L		103	59 - 134
Carbon tetrachloride	25.0	26.8		ug/L		107	72 - 134
Chlorobenzene	25.0	24.7		ug/L		99	80 - 120
Chloroethane	25.0	23.2		ug/L		93	69 - 136
Chloroform	25.0	24.6		ug/L		98	73 - 127
Chloromethane	25.0	23.4		ug/L		93	68 - 124
cis-1,2-Dichloroethene	25.0	25.9		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	28.0		ug/L		112	74 - 124
Cyclohexane	25.0	24.9		ug/L		100	59 - 135
Dibromochloromethane	25.0	28.1		ug/L		113	75 - 125
Dichlorodifluoromethane	25.0	24.7		ug/L		99	59 - 135
Ethylbenzene	25.0	25.3		ug/L		101	77 - 123

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-762122/6
Matrix: Water
Analysis Batch: 762122

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isopropylbenzene	25.0	25.8		ug/L		103	77 - 122
Methyl acetate	50.0	49.2		ug/L		98	74 - 133
Methyl tert-butyl ether	25.0	25.6		ug/L		103	77 - 120
Methylcyclohexane	25.0	26.9		ug/L		108	68 - 134
Methylene Chloride	25.0	24.8		ug/L		99	75 - 124
Styrene	25.0	25.7		ug/L		103	80 - 120
Tetrachloroethene	25.0	26.5		ug/L		106	74 - 122
Toluene	25.0	25.2		ug/L		101	80 - 122
trans-1,2-Dichloroethene	25.0	26.6		ug/L		106	73 - 127
trans-1,3-Dichloropropene	25.0	22.6		ug/L		91	80 - 120
Trichloroethene	25.0	25.3		ug/L		101	74 - 123
Trichlorofluoromethane	25.0	25.5		ug/L		102	62 - 150
Vinyl chloride	25.0	24.7		ug/L		99	65 - 133
Xylenes, Total	50.0	51.9		ug/L		104	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Dibromofluoromethane (Surr)	*102*		*75 - 123*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: MB 480-762207/8
Matrix: Water
Analysis Batch: 762207

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			11/11/25 13:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/11/25 13:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			11/11/25 13:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			11/11/25 13:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			11/11/25 13:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			11/11/25 13:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			11/11/25 13:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			11/11/25 13:04	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			11/11/25 13:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			11/11/25 13:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			11/11/25 13:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			11/11/25 13:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			11/11/25 13:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			11/11/25 13:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/11/25 13:04	1
2-Hexanone	ND		5.0	1.2	ug/L			11/11/25 13:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			11/11/25 13:04	1
Acetone	ND		10	3.0	ug/L			11/11/25 13:04	1
Benzene	ND		1.0	0.41	ug/L			11/11/25 13:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			11/11/25 13:04	1
Bromoform	ND		1.0	0.26	ug/L			11/11/25 13:04	1
Bromomethane	ND		1.0	0.69	ug/L			11/11/25 13:04	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-762207/8
Matrix: Water
Analysis Batch: 762207

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		1.0	0.19	ug/L			11/11/25 13:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			11/11/25 13:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			11/11/25 13:04	1
Chloroethane	ND		1.0	0.32	ug/L			11/11/25 13:04	1
Chloroform	ND		1.0	0.34	ug/L			11/11/25 13:04	1
Chloromethane	ND		1.0	0.35	ug/L			11/11/25 13:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/11/25 13:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			11/11/25 13:04	1
Cyclohexane	ND		1.0	0.18	ug/L			11/11/25 13:04	1
Dibromochloromethane	ND		1.0	0.32	ug/L			11/11/25 13:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			11/11/25 13:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			11/11/25 13:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			11/11/25 13:04	1
Methyl acetate	ND		2.5	1.3	ug/L			11/11/25 13:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			11/11/25 13:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			11/11/25 13:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/11/25 13:04	1
Styrene	ND		1.0	0.73	ug/L			11/11/25 13:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/11/25 13:04	1
Toluene	ND		1.0	0.51	ug/L			11/11/25 13:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/11/25 13:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			11/11/25 13:04	1
Trichloroethene	ND		1.0	0.46	ug/L			11/11/25 13:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			11/11/25 13:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			11/11/25 13:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			11/11/25 13:04	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*11/11/25 13:04*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*11/11/25 13:04*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*11/11/25 13:04*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*11/11/25 13:04*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/11/25 13:04*	*1*

Lab Sample ID: LCS 480-762207/6
Matrix: Water
Analysis Batch: 762207

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	26.1		ug/L		104	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.8		ug/L		103	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.8		ug/L		103	61 - 148
1,1,2-Trichloroethane	25.0	27.7		ug/L		111	76 - 122
1,1-Dichloroethane	25.0	24.4		ug/L		98	77 - 120
1,1-Dichloroethene	25.0	25.7		ug/L		103	66 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-762207/6
Matrix: Water
Analysis Batch: 762207

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	25.0	26.9		ug/L		108	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.9		ug/L		99	56 - 134
1,2-Dibromoethane	25.0	28.3		ug/L		113	77 - 120
1,2-Dichlorobenzene	25.0	25.9		ug/L		103	80 - 124
1,2-Dichloroethane	25.0	24.7		ug/L		99	75 - 120
1,2-Dichloropropane	25.0	26.4		ug/L		106	76 - 120
1,3-Dichlorobenzene	25.0	24.9		ug/L		100	77 - 120
1,4-Dichlorobenzene	25.0	24.8		ug/L		99	80 - 120
2-Butanone (MEK)	125	124		ug/L		99	57 - 140
2-Hexanone	125	131		ug/L		105	65 - 127
4-Methyl-2-pentanone (MIBK)	125	124		ug/L		99	71 - 125
Acetone	125	118		ug/L		94	56 - 142
Benzene	25.0	25.1		ug/L		100	71 - 124
Bromodichloromethane	25.0	25.7		ug/L		103	80 - 122
Bromoform	25.0	28.0		ug/L		112	61 - 132
Bromomethane	25.0	24.9		ug/L		99	55 - 144
Carbon disulfide	25.0	25.6		ug/L		103	59 - 134
Carbon tetrachloride	25.0	27.0		ug/L		108	72 - 134
Chlorobenzene	25.0	25.9		ug/L		103	80 - 120
Chloroethane	25.0	23.8		ug/L		95	69 - 136
Chloroform	25.0	24.8		ug/L		99	73 - 127
Chloromethane	25.0	25.1		ug/L		100	68 - 124
cis-1,2-Dichloroethene	25.0	26.0		ug/L		104	74 - 124
cis-1,3-Dichloropropene	25.0	28.0		ug/L		112	74 - 124
Cyclohexane	25.0	24.8		ug/L		99	59 - 135
Dibromochloromethane	25.0	28.5		ug/L		114	75 - 125
Dichlorodifluoromethane	25.0	26.9		ug/L		107	59 - 135
Ethylbenzene	25.0	26.1		ug/L		104	77 - 123
Isopropylbenzene	25.0	25.5		ug/L		102	77 - 122
Methyl acetate	50.0	49.7		ug/L		99	74 - 133
Methyl tert-butyl ether	25.0	25.4		ug/L		102	77 - 120
Methylcyclohexane	25.0	27.1		ug/L		108	68 - 134
Methylene Chloride	25.0	24.7		ug/L		99	75 - 124
Styrene	25.0	26.4		ug/L		105	80 - 120
Tetrachloroethene	25.0	26.7		ug/L		107	74 - 122
Toluene	25.0	25.4		ug/L		102	80 - 122
trans-1,2-Dichloroethene	25.0	25.5		ug/L		102	73 - 127
trans-1,3-Dichloropropene	25.0	24.1		ug/L		96	80 - 120
Trichloroethene	25.0	25.3		ug/L		101	74 - 123
Trichlorofluoromethane	25.0	27.1		ug/L		108	62 - 150
Vinyl chloride	25.0	27.0		ug/L		108	65 - 133
Xylenes, Total	50.0	52.4		ug/L		105	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Dibromofluoromethane (Surr)	*102*		*75 - 123*
Toluene-d8 (Surr)	*102*		*80 - 120*

QC Association Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234340-1
Project/Site: 1681-1689 Main Street Groundwater IRM

GC/MS VOA

Analysis Batch: 762122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-234340-1	TW2	Total/NA	Water	8260C	
480-234340-2	TW1	Total/NA	Water	8260C	
MB 480-762122/8	Method Blank	Total/NA	Water	8260C	
LCS 480-762122/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 762207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-234340-2 - DL	TW1	Total/NA	Water	8260C	
MB 480-762207/8	Method Blank	Total/NA	Water	8260C	
LCS 480-762207/6	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234340-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Client Sample ID: TW2
Lab Sample ID: 480-234340-1
Date Collected: 11/06/25 14:15
Matrix: Water
Date Received: 11/07/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	762122	ATG	EET BUF	11/10/25 21:42

Client Sample ID: TW1
Lab Sample ID: 480-234340-2
Date Collected: 11/06/25 13:10
Matrix: Water
Date Received: 11/07/25 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	762122	ATG	EET BUF	11/10/25 22:05
Total/NA	Analysis	8260C	DL	5	762207	LCH	EET BUF	11/11/25 14:03

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234340-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	1,2-Dibromoethane

Method Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234340-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Roux Environmental Engineering and Geology DPC
Job ID: 480-234340-1
Project/Site: 1681-1689 Main Street Groundwater IRM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-234340-1	TW2	Water	11/06/25 14:15	11/07/25 09:00	New York
480-234340-2	TW1	Water	11/06/25 13:10	11/07/25 09:00	New York

Chain of Custody Record 639715

eurofins | Environment Testing America

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: Nathan Munley	Site Contact:	Date:	COC No:
Company Name: ROUX	Tel/Email: nmunley@rouxinc.com	Lab Contact: JOHN SCHOUE	Carrier:	____ of ____ COCs
Address: 2558 HAMBURG TURNPIKE	Analysis Turnaround Time			Sampler:
City/State/Zip: LACKAWANA NY	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks STANDARD			Lab Sampling:
Project Name: 1681-1689 MAIN ST	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	TCL TICs + VOCs	Sample Specific Notes:
TW2	11/6/25	2:15 PM	G	H_2O	3		X		CAT B
TW1	11/6/25		"	"	"		X		
									PLEASE ANALYZE FOR TCL TIC's + VOCs

480-234340 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

4.1 IR#SCC ICP

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	ROUX	11/7/25 7:30			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: ET	Date/Time: 11/7/25 900

11/12/2025

Login Sample Receipt Checklist

Client: Roux Environmental Engineering and Geology DPC

Job Number: 480-234340-1

Login Number: 234340

List Source: Eurofins Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Lab Number:	L2403073
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	01/19/24

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

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403073
Report Date: 01/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2403073-01	B-5 6	SOIL	BUFFALO,NY	01/18/24 15:00	01/18/24
L2403073-02	B-6 6	SOIL	BUFFALO,NY	01/18/24 14:30	01/18/24
L2403073-03	B-9 2	SOIL	BUFFALO,NY	01/18/24 11:30	01/18/24
L2403073-04	NW-5 3-4	SOIL	BUFFALO,NY	01/18/24 14:40	01/18/24
L2403073-05	NW-6 3-4	SOIL	BUFFALO,NY	01/18/24 14:50	01/18/24
L2403073-06	NW-9 1-2	SOIL	BUFFALO,NY	01/18/24 11:15	01/18/24
L2403073-07	EW-1 1-2	SOIL	BUFFALO,NY	01/18/24 11:20	01/18/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2403073
Project Number:	4461.0001B002	**Report Date:**	01/19/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2403073
Project Number:	4461.0001B002	**Report Date:**	01/19/24

Case Narrative (continued)

Report Submission

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

Total Metals

L2403073-01 through -07: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1875955-3 MS recoveries for aluminum (521%), calcium (1670%), iron (0%), magnesium (493%), and manganese (0%), performed on L2403073-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1875955-3 MS recoveries, performed on L2403073-01, are outside the acceptance criteria for arsenic (129%) and potassium (167%). A post digestion spike was performed and was within acceptance criteria.

The WG1875955-4 Laboratory Duplicate RPDs for aluminum (31%), beryllium (27%), calcium (34%), chromium (31%), iron (22%), lead (26%), magnesium (39%), manganese (39%), and potassium (21%), performed on L2403073-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

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

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 01/19/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-01
Client ID: B-5 6
Sample Location: BUFFALO,NY

Date Collected: 01/18/24 15:00
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/19/24 12:01
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 01/19/24 04:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
Fluoranthene	ND		ug/kg	120	22.	1
Naphthalene	ND		ug/kg	200	24.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	71		30-120
4-Terphenyl-d14	69		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-02
Client ID: B-6 6
Sample Location: BUFFALO,NY

Date Collected: 01/18/24 14:30
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/19/24 12:24
Analyst: JG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 01/19/24 04:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
Fluoranthene	ND		ug/kg	120	22.	1
Naphthalene	ND		ug/kg	200	24.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	108		23-120
2-Fluorobiphenyl	99		30-120
4-Terphenyl-d14	94		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-03
Client ID: B-9 2
Sample Location: BUFFALO,NY

Date Collected: 01/18/24 11:30
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/19/24 12:49
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 01/19/24 04:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
Fluoranthene	ND		ug/kg	120	22.	1
Naphthalene	ND		ug/kg	190	24.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	78		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-04
Client ID: NW-5 3-4
Sample Location: BUFFALO,NY

Date Collected: 01/18/24 14:40
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/19/24 13:16
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 01/19/24 04:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
Fluoranthene	ND		ug/kg	120	22.	1
Naphthalene	ND		ug/kg	190	24.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	69		30-120
4-Terphenyl-d14	66		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-05
Client ID: NW-6 3-4
Sample Location: BUFFALO,NY

Date Collected: 01/18/24 14:50
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/19/24 13:40
Analyst: JG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 01/19/24 04:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
Fluoranthene	ND		ug/kg	130	24.	1
Naphthalene	ND		ug/kg	210	26.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1
Benzo(b)fluoranthene	ND		ug/kg	130	35.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	130	21.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	73		30-120
4-Terphenyl-d14	68		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-06
Client ID: NW-9 1-2
Sample Location: BUFFALO,NY

Date Collected: 01/18/24 11:15
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/19/24 14:04
Analyst: SZ
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 01/19/24 04:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
Fluoranthene	ND		ug/kg	120	23.	1
Naphthalene	ND		ug/kg	200	25.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
2-Methylnaphthalene	ND		ug/kg	240	25.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	66		30-120
4-Terphenyl-d14	52		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-07
Client ID: EW-1 1-2
Sample Location: BUFFALO,NY

Date Collected: 01/18/24 11:20
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 01/19/24 14:28
Analyst: SZ
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 01/19/24 04:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
Fluoranthene	ND		ug/kg	120	23.	1
Naphthalene	ND		ug/kg	200	24.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	76		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2403073
Report Date: 01/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 01/19/24 10:49
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 01/19/24 04:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1875950-1					
Acenaphthene	ND		ug/kg	130	17.
2-Chloronaphthalene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	97	18.
Naphthalene	ND		ug/kg	160	20.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
2-Methylnaphthalene	ND		ug/kg	190	20.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	72		30-120
4-Terphenyl-d14	76		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2403073

Report Date: 01/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1875950-2 WG1875950-3								
Acenaphthene	68		64		31-137	6		50
2-Chloronaphthalene	76		72		40-140	5		50
Fluoranthene	74		70		40-140	6		50
Naphthalene	67		63		40-140	6		50
Benzo(a)anthracene	70		68		40-140	3		50
Benzo(a)pyrene	67		66		40-140	2		50
Benzo(b)fluoranthene	70		68		40-140	3		50
Benzo(k)fluoranthene	68		65		40-140	5		50
Chrysene	68		66		40-140	3		50
Acenaphthylene	76		71		40-140	7		50
Anthracene	66		63		40-140	5		50
Benzo(ghi)perylene	68		68		40-140	0		50
Fluorene	70		67		40-140	4		50
Phenanthrene	65		63		40-140	3		50
Dibenzo(a,h)anthracene	69		68		40-140	1		50
Indeno(1,2,3-cd)pyrene	71		71		40-140	0		50
Pyrene	73		69		35-142	6		50
2-Methylnaphthalene	68		65		40-140	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403073
Report Date: 01/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1875950-2 WG1875950-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	82		76		23-120
2-Fluorobiphenyl	73		68		30-120
4-Terphenyl-d14	72		66		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-01
Client ID: B-5 6
Sample Location: BUFFALO,NY
Date Collected: 01/18/24 15:00
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9670		mg/kg	9.10	2.46	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.55	0.346	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC
Arsenic, Total	5.33		mg/kg	0.910	0.189	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC
Barium, Total	86.7		mg/kg	0.910	0.158	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.474		mg/kg	0.455	0.030	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.910	0.089	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC
Calcium, Total	64700		mg/kg	9.10	3.19	2	01/19/24 07:45	01/19/24 17:10	EPA 3050B	1,6010D	DMC
Chromium, Total	16.2		mg/kg	0.910	0.087	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC
Cobalt, Total	11.3		mg/kg	1.82	0.151	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC
Copper, Total	16.3		mg/kg	0.910	0.235	2	01/19/24 07:45	01/19/24 17:10	EPA 3050B	1,6010D	DMC
Iron, Total	18800		mg/kg	4.55	0.822	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC
Lead, Total	16.4		mg/kg	4.55	0.244	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC
Magnesium, Total	24000		mg/kg	9.10	1.40	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC
Manganese, Total	560		mg/kg	0.910	0.145	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.075	0.049	1	01/19/24 08:20	01/19/24 09:58	EPA 7471B	1,7471B	GMG
Nickel, Total	23.4		mg/kg	2.28	0.220	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC
Potassium, Total	1390		mg/kg	228	13.1	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.82	0.235	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.455	0.258	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC
Sodium, Total	195		mg/kg	182	2.87	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC
Thallium, Total	0.311	J	mg/kg	1.82	0.287	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC
Vanadium, Total	23.3		mg/kg	0.910	0.185	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC
Zinc, Total	68.6		mg/kg	4.55	0.267	2	01/19/24 07:45	01/19/24 11:50	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-02
Client ID: B-6 6
Sample Location: BUFFALO,NY
Date Collected: 01/18/24 14:30
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13600		mg/kg	9.17	2.48	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Antimony, Total	0.349	J	mg/kg	4.59	0.349	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Arsenic, Total	11.1		mg/kg	0.917	0.191	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Barium, Total	107		mg/kg	0.917	0.160	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.694		mg/kg	0.459	0.030	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.917	0.090	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Calcium, Total	50000		mg/kg	9.17	3.21	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Chromium, Total	23.2		mg/kg	0.917	0.088	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Cobalt, Total	11.1		mg/kg	1.83	0.152	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Copper, Total	22.8		mg/kg	0.917	0.237	2	01/19/24 07:45	01/19/24 16:54	EPA 3050B	1,6010D	DMC
Iron, Total	28500		mg/kg	4.59	0.828	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Lead, Total	16.8		mg/kg	4.59	0.246	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Magnesium, Total	18400		mg/kg	9.17	1.41	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Manganese, Total	344		mg/kg	0.917	0.146	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.075	0.049	1	01/19/24 08:20	01/19/24 10:08	EPA 7471B	1,7471B	GMG
Nickel, Total	30.2		mg/kg	2.29	0.222	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Potassium, Total	1940		mg/kg	229	13.2	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.83	0.237	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.459	0.260	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Sodium, Total	224		mg/kg	183	2.89	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.83	0.289	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Vanadium, Total	33.2		mg/kg	0.917	0.186	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC
Zinc, Total	83.6		mg/kg	4.59	0.269	2	01/19/24 07:45	01/19/24 11:35	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-03
Client ID: B-9 2
Sample Location: BUFFALO,NY
Date Collected: 01/18/24 11:30
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9710		mg/kg	8.96	2.42	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.48	0.341	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Arsenic, Total	5.01		mg/kg	0.896	0.186	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Barium, Total	86.2		mg/kg	0.896	0.156	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.446	J	mg/kg	0.448	0.030	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.896	0.088	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Calcium, Total	73400		mg/kg	8.96	3.14	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Chromium, Total	16.3		mg/kg	0.896	0.086	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Cobalt, Total	9.92		mg/kg	1.79	0.149	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Copper, Total	14.8		mg/kg	0.896	0.231	2	01/19/24 07:45	01/19/24 17:05	EPA 3050B	1,6010D	DMC
Iron, Total	18600		mg/kg	4.48	0.809	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Lead, Total	16.7		mg/kg	4.48	0.240	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Magnesium, Total	26300		mg/kg	8.96	1.38	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Manganese, Total	496		mg/kg	0.896	0.142	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.075	0.049	1	01/19/24 08:20	01/19/24 10:11	EPA 7471B	1,7471B	GMG
Nickel, Total	21.2		mg/kg	2.24	0.217	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Potassium, Total	1550		mg/kg	224	12.9	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.79	0.231	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.448	0.254	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Sodium, Total	192		mg/kg	179	2.82	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.79	0.282	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Vanadium, Total	23.0		mg/kg	0.896	0.182	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC
Zinc, Total	69.6		mg/kg	4.48	0.263	2	01/19/24 07:45	01/19/24 11:45	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-04
Client ID: NW-5 3-4
Sample Location: BUFFALO,NY
Date Collected: 01/18/24 14:40
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15700		mg/kg	9.38	2.53	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.69	0.356	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Arsenic, Total	7.72		mg/kg	0.938	0.195	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Barium, Total	130		mg/kg	0.938	0.163	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.762		mg/kg	0.469	0.031	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.938	0.092	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Calcium, Total	49500		mg/kg	9.38	3.28	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Chromium, Total	24.1		mg/kg	0.938	0.090	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Cobalt, Total	12.2		mg/kg	1.88	0.156	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Copper, Total	23.4		mg/kg	0.938	0.242	2	01/19/24 07:45	01/19/24 16:59	EPA 3050B	1,6010D	DMC
Iron, Total	26600		mg/kg	4.69	0.847	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Lead, Total	14.1		mg/kg	4.69	0.251	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Magnesium, Total	16700		mg/kg	9.38	1.44	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Manganese, Total	486		mg/kg	0.938	0.149	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.075	0.049	1	01/19/24 08:20	01/19/24 10:14	EPA 7471B	1,7471B	GMG
Nickel, Total	31.4		mg/kg	2.34	0.227	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Potassium, Total	1820		mg/kg	234	13.5	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.88	0.242	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.469	0.266	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Sodium, Total	179	J	mg/kg	188	2.96	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.88	0.296	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Vanadium, Total	30.4		mg/kg	0.938	0.190	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC
Zinc, Total	89.4		mg/kg	4.69	0.275	2	01/19/24 07:45	01/19/24 11:40	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-05
Client ID: NW-6 3-4
Sample Location: BUFFALO,NY
Date Collected: 01/18/24 14:50
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	18700		mg/kg	9.73	2.63	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.86	0.370	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Arsenic, Total	9.00		mg/kg	0.973	0.202	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Barium, Total	126		mg/kg	0.973	0.169	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.927		mg/kg	0.486	0.032	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.973	0.095	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Calcium, Total	9320		mg/kg	9.73	3.41	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Chromium, Total	28.3		mg/kg	0.973	0.093	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Cobalt, Total	16.5		mg/kg	1.95	0.162	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Copper, Total	20.7		mg/kg	0.973	0.251	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Iron, Total	37200		mg/kg	4.86	0.879	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Lead, Total	15.6		mg/kg	4.86	0.261	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Magnesium, Total	11600		mg/kg	9.73	1.50	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Manganese, Total	460		mg/kg	0.973	0.155	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.080	0.052	1	01/19/24 08:20	01/19/24 10:26	EPA 7471B	1,7471B	GMG
Nickel, Total	36.0		mg/kg	2.43	0.236	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Potassium, Total	2110		mg/kg	243	14.0	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.95	0.251	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.486	0.275	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Sodium, Total	165	J	mg/kg	195	3.06	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.95	0.306	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Vanadium, Total	37.6		mg/kg	0.973	0.198	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC
Zinc, Total	76.4		mg/kg	4.86	0.285	2	01/19/24 07:45	01/19/24 13:35	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-06
Client ID: NW-9 1-2
Sample Location: BUFFALO,NY
Date Collected: 01/18/24 11:15
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15400		mg/kg	9.81	2.65	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.90	0.373	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Arsenic, Total	6.32		mg/kg	0.981	0.204	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Barium, Total	127		mg/kg	0.981	0.171	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.762		mg/kg	0.490	0.032	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.981	0.096	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Calcium, Total	40800		mg/kg	9.81	3.43	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Chromium, Total	24.8		mg/kg	0.981	0.094	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Cobalt, Total	14.8		mg/kg	1.96	0.163	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Copper, Total	21.3		mg/kg	0.981	0.253	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Iron, Total	27000		mg/kg	4.90	0.886	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Lead, Total	12.3		mg/kg	4.90	0.263	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Magnesium, Total	13700		mg/kg	9.81	1.51	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Manganese, Total	532		mg/kg	0.981	0.156	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.079	0.051	1	01/19/24 08:20	01/19/24 10:29	EPA 7471B	1,7471B	GMG
Nickel, Total	33.2		mg/kg	2.45	0.237	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Potassium, Total	1860		mg/kg	245	14.1	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.96	0.253	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.490	0.278	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Sodium, Total	194	J	mg/kg	196	3.09	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Thallium, Total	0.386	J	mg/kg	1.96	0.309	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Vanadium, Total	32.6		mg/kg	0.981	0.199	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC
Zinc, Total	75.7		mg/kg	4.90	0.287	2	01/19/24 07:45	01/19/24 13:40	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-07
Client ID: EW-1 1-2
Sample Location: BUFFALO,NY
Date Collected: 01/18/24 11:20
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9040		mg/kg	9.15	2.47	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.58	0.348	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Arsenic, Total	4.44		mg/kg	0.915	0.190	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Barium, Total	83.9		mg/kg	0.915	0.159	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.437	J	mg/kg	0.458	0.030	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.915	0.090	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Calcium, Total	69900		mg/kg	9.15	3.20	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Chromium, Total	15.7		mg/kg	0.915	0.088	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Cobalt, Total	8.36		mg/kg	1.83	0.152	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Copper, Total	14.4		mg/kg	0.915	0.236	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Iron, Total	17700		mg/kg	4.58	0.826	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Lead, Total	15.9		mg/kg	4.58	0.245	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Magnesium, Total	23800		mg/kg	9.15	1.41	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Manganese, Total	419		mg/kg	0.915	0.146	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.077	0.050	1	01/19/24 08:20	01/19/24 10:32	EPA 7471B	1,7471B	GMG
Nickel, Total	18.7		mg/kg	2.29	0.222	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Potassium, Total	1380		mg/kg	229	13.2	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.83	0.236	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.458	0.259	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Sodium, Total	151	J	mg/kg	183	2.88	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.83	0.288	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Vanadium, Total	21.4		mg/kg	0.915	0.186	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC
Zinc, Total	70.4		mg/kg	4.58	0.268	2	01/19/24 07:45	01/19/24 13:45	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2403073

Project Number: 4461.0001B002 **Report Date:** 01/19/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07 Batch: WG1875955-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	1.40	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.038	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	01/19/24 07:45	01/19/24 16:45	1,6010D	DMC
Iron, Total	0.844	J	mg/kg	2.00	0.361	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.064	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.097	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	5.76	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Sodium, Total	1.26	J	mg/kg	80.0	1.26	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	01/19/24 07:45	01/19/24 11:24	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07 Batch: WG1875956-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	01/19/24 08:20	01/19/24 09:51	1,7471B	GMG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2403073
Report Date: 01/19/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2403073

Report Date: 01/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1875955-2 SRM Lot Number: D122-540								
Aluminum, Total	73		-		52-148	-		
Antimony, Total	165		-		6-194	-		
Arsenic, Total	106		-		81-119	-		
Barium, Total	96		-		83-117	-		
Beryllium, Total	104		-		83-117	-		
Cadmium, Total	99		-		83-117	-		
Calcium, Total	100		-		83-117	-		
Chromium, Total	105		-		82-118	-		
Cobalt, Total	103		-		84-117	-		
Copper, Total	92		-		84-116	-		
Iron, Total	88		-		65-135	-		
Lead, Total	104		-		83-117	-		
Magnesium, Total	89		-		80-120	-		
Manganese, Total	96		-		82-118	-		
Nickel, Total	104		-		83-117	-		
Potassium, Total	84		-		76-123	-		
Selenium, Total	104		-		81-119	-		
Silver, Total	106		-		80-120	-		
Sodium, Total	105		-		75-125	-		
Thallium, Total	107		-		81-119	-		
Vanadium, Total	97		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2403073

Report Date: 01/19/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1875955-2 SRM Lot Number: D122-540					
Zinc, Total	102	-	82-119	-	
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1875956-2 SRM Lot Number: D122-540					
Mercury, Total	93	-	73-127	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403073
Report Date: 01/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1875955-3 QC Sample: L2403073-01 Client ID: B-5 6												
Aluminum, Total	9670	178	10600	**521**	Q	-	-		75-125	-		20
Antimony, Total	ND	44.6	47.4	106		-	-		75-125	-		20
Arsenic, Total	5.33	10.7	19.1	**129**	Q	-	-		75-125	-		20
Barium, Total	86.7	178	296	117		-	-		75-125	-		20
Beryllium, Total	0.474	4.46	4.59	92		-	-		75-125	-		20
Cadmium, Total	ND	4.73	4.01	85		-	-		75-125	-		20
Calcium, Total	64700	892	80200	**1670**	Q	-	-		75-125	-		20
Chromium, Total	16.2	17.8	34.6	103		-	-		75-125	-		20
Cobalt, Total	11.3	44.6	54.1	96		-	-		75-125	-		20
Copper, Total	16.3	22.3	33.6	78		-	-		75-125	-		20
Iron, Total	18800	89.2	18300	**0**	Q	-	-		75-125	-		20
Lead, Total	16.4	47.3	71.8	117		-	-		75-125	-		20
Magnesium, Total	24000	892	28400	**493**	Q	-	-		75-125	-		20
Manganese, Total	560	44.6	494	**0**	Q	-	-		75-125	-		20
Nickel, Total	23.4	44.6	64.2	91		-	-		75-125	-		20
Potassium, Total	1390	892	2880	**167**	Q	-	-		75-125	-		20
Selenium, Total	ND	10.7	11.6	108		-	-		75-125	-		20
Silver, Total	ND	4.46	3.99	89		-	-		75-125	-		20
Sodium, Total	195	892	1300	124		-	-		75-125	-		20
Thallium, Total	0.311J	10.7	12.1	113		-	-		75-125	-		20
Vanadium, Total	23.3	44.6	65.2	94		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403073
Report Date: 01/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1875955-3 QC Sample: L2403073-01 Client ID: B-5 6									
Zinc, Total	68.6	44.6	114	102	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1875956-3 QC Sample: L2403073-01 Client ID: B-5 6									
Mercury, Total	ND	1.5	1.54	102	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403073
Report Date: 01/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1875955-4 QC Sample: L2403073-01 Client ID: B-5 6						
Aluminum, Total	9670	13200	mg/kg	**31**	Q	20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	5.33	5.85	mg/kg	9		20
Barium, Total	86.7	101	mg/kg	15		20
Beryllium, Total	0.474	0.621	mg/kg	**27**	Q	20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	16.2	22.1	mg/kg	**31**	Q	20
Cobalt, Total	11.3	11.8	mg/kg	4		20
Iron, Total	18800	23500	mg/kg	**22**	Q	20
Lead, Total	16.4	12.6	mg/kg	**26**	Q	20
Magnesium, Total	24000	16200	mg/kg	**39**	Q	20
Manganese, Total	560	379	mg/kg	**39**	Q	20
Nickel, Total	23.4	28.5	mg/kg	20		20
Potassium, Total	1390	1720	mg/kg	**21**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	195	233	mg/kg	18		20
Thallium, Total	0.311J	ND	mg/kg	NC		20
Vanadium, Total	23.3	28.1	mg/kg	19		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2403073

Report Date: 01/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1875955-4 QC Sample: L2403073-01 Client ID: B-5 6						
Zinc, Total	68.6	73.7	mg/kg	7		20
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1875955-4 QC Sample: L2403073-01 Client ID: B-5 6						
Calcium, Total	64700	46500	mg/kg	**34**	Q	20
Copper, Total	16.3	18.4	mg/kg	12		20
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1875956-4 QC Sample: L2403073-01 Client ID: B-5 6						
Mercury, Total	ND	ND	mg/kg	NC		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2403073
Report Date: 01/19/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1875955-6 QC Sample: L2403073-01 Client ID: B-5 6						
Aluminum, Total	9670	10500	mg/kg	9		20
Barium, Total	86.7	93.6	mg/kg	8		20
Iron, Total	18800	21500	mg/kg	14		20
Magnesium, Total	24000	26200	mg/kg	9		20
Manganese, Total	560	636	mg/kg	14		20
Vanadium, Total	23.3	25.0	mg/kg	7		20
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1875955-6 QC Sample: L2403073-01 Client ID: B-5 6						
Calcium, Total	64700	72900	mg/kg	12		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-01
Client ID: B-5 6
Sample Location: BUFFALO,NY

Date Collected: 01/18/24 15:00
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.0		%	0.100	NA	1	-	01/19/24 03:23	121,2540G	MAW

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-02
Client ID: B-6 6
Sample Location: BUFFALO,NY

Date Collected: 01/18/24 14:30
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	01/19/24 03:23	121,2540G	MAW

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-03
Client ID: B-9 2
Sample Location: BUFFALO,NY

Date Collected: 01/18/24 11:30
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	01/19/24 03:23	121,2540G	MAW

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-04
Client ID: NW-5 3-4
Sample Location: BUFFALO,NY

Date Collected: 01/18/24 14:40
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	01/19/24 03:23	121,2540G	MAW

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-05
Client ID: NW-6 3-4
Sample Location: BUFFALO,NY

Date Collected: 01/18/24 14:50
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.5		%	0.100	NA	1	-	01/19/24 03:23	121,2540G	MAW

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-06
Client ID: NW-9 1-2
Sample Location: BUFFALO,NY

Date Collected: 01/18/24 11:15
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.1		%	0.100	NA	1	-	01/19/24 03:23	121,2540G	MAW

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403073
Report Date: 01/19/24

SAMPLE RESULTS

Lab ID: L2403073-07
Client ID: EW-1 1-2
Sample Location: BUFFALO,NY

Date Collected: 01/18/24 11:20
Date Received: 01/18/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	01/19/24 03:23	121,2540G	MAW

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2403073

Report Date: 01/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1875941-1 QC Sample: L2403073-01 Client ID: B-5 6						
Solids, Total	85.0	85.9	%	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403073
Report Date: 01/19/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2403073-01A	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2403073-01B	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-PAH(14),TS(7)
L2403073-02A	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2403073-02B	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-PAH(14),TS(7)
L2403073-03A	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2403073-03B	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-PAH(14),TS(7)
L2403073-04A	Glass 60ml unpreserved split	A	NA		3.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2403073-04B	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-PAH(14),TS(7)
L2403073-05A	Glass 60ml unpreserved split	A	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2403073-05B	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-PAH(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403073
Report Date: 01/19/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2403073-06A	Glass 60ml unpreserved split	A	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2403073-06B	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-PAH(14),TS(7)
L2403073-07A	Glass 60ml unpreserved split	A	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2403073-07B	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-PAH(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2403073
Project Number:	4461.0001B002	**Report Date:**	01/19/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2403073
Project Number:	4461.0001B002	**Report Date:**	01/19/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2403073
Project Number:	4461.0001B002	**Report Date:**	01/19/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2403073
Project Number:	4461.0001B002	**Report Date:**	01/19/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

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Date Rec'd in Lab: 1/19/24

ALPHA Job #: L2403073

Client Information
Client: Rous
Address: 2558 Hamburg Turnpike
Buffalo, NY
Phone: 716-856-0309
Fax:
Email: smurley@rousinc.com

Project Information
Project Name: 1681 - 1689 Main Street
Project Location: Buffalo, NY
Project # 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 24 Hr TAT
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Metals	PAHs	Sample Specific Comments	Total Bottle
03073-01	B-5 6	1-18-24	1500	SO1	CEH	X	X		
-02	B-6 6		1430			X	X		
-03	B-9 2		1130			X	X		
-04	NW-5 3-4		1440			X	X		
-05	NW-6 3-4		1450			X	X		
-06	NW-9 1-2		1115			X	X		
-07	EW-1 1-2		1120			X	X		

Container Type	A	A
Preservative	A	A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Charter Northeast	1-18-24/1530		1-19-24 1530
C. Quigley	1-18-24 1531		01119124-0150

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2403760
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	01/24/24

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

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

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403760
Report Date: 01/24/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2403760-01	B-6R 7	SOIL	BUFFALO, NY	01/23/24 10:00	01/23/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2403760
Project Number:	4461.0001B002	**Report Date:**	01/24/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2403760
Project Number:	4461.0001B002	**Report Date:**	01/24/24

Case Narrative (continued)

Report Submission

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

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 01/24/24

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2403760
Report Date: 01/24/24

SAMPLE RESULTS

Lab ID: L2403760-01
Client ID: B-6R 7
Sample Location: BUFFALO, NY
Date Collected: 01/23/24 10:00
Date Received: 01/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Nickel, Total	15.4		mg/kg	1.16	0.113	1	01/24/24 07:15	01/24/24 13:21	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2403760
Report Date: 01/24/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1877545-1										
Nickel, Total	ND		mg/kg	1.00	0.097	1	01/24/24 07:15	01/24/24 11:44	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2403760

Report Date: 01/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1877545-2 SRM Lot Number: D122-540								
Nickel, Total	112		-		83-117	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403760
Report Date: 01/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1877545-3 QC Sample: L2403671-01 Client ID: MS Sample												
Nickel, Total	147	51	248	**198**	Q	-	-		75-125	-		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403760
Report Date: 01/24/24

SAMPLE RESULTS

Lab ID: L2403760-01
Client ID: B-6R 7
Sample Location: BUFFALO, NY

Date Collected: 01/23/24 10:00
Date Received: 01/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.1		%	0.100	NA	1	-	01/24/24 03:41	121,2540G	WJM

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2403760

Report Date: 01/24/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1877537-1 QC Sample: L2403760-01 Client ID: B-6R 7						
Solids, Total	84.1	84.3	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403760
Report Date: 01/24/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2403760-01A	Glass 60ml unpreserved split	A	NA		5.5	Y	Absent		NI-TI(180)
L2403760-01B	Glass 120ml/4oz unpreserved	A	NA		5.5	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2403760
Project Number:	4461.0001B002	**Report Date:**	01/24/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2403760
Project Number:	4461.0001B002	**Report Date:**	01/24/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2403760
Project Number:	4461.0001B002	**Report Date:**	01/24/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2403760
Project Number:	4461.0001B002	**Report Date:**	01/24/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 01/24/23

ALPHA Job #: L2403760

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information

Project Name: 1681 - 1689 main Street
Project Location: Buffalo, NY
Project # 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Nickel

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Nickel	Sample Specific Comments
03760-01	B-GR 7	1-23-24	1000	Soil	CEH	X	

Container Type: A
Preservative: A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Chester Hochreiter	1-23-24/1206	[signature] MC	1/23/24 1500
[signature] MC	1/23/24 1500	[signature]	1/24/24 0145

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2411599
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	03/11/24

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

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411599
Report Date: 03/11/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2411599-01	MW-7 4-6	SOIL	BUFFALO	03/04/24 12:20	03/04/24
L2411599-02	MW-8 4-6	SOIL	BUFFALO	03/04/24 12:25	03/04/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411599
Project Number:	4461.0001B002	**Report Date:**	03/11/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411599
Project Number:	4461.0001B002	**Report Date:**	03/11/24

Case Narrative (continued)

Report Submission

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

Total Metals

L2411599-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 03/11/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411599
Report Date: 03/11/24

SAMPLE RESULTS

Lab ID: L2411599-01
Client ID: MW-7 4-6
Sample Location: BUFFALO

Date Collected: 03/04/24 12:20
Date Received: 03/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/11/24 02:37
Analyst: SZ
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 03/07/24 19:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411599

Project Number: 4461.0001B002 **Report Date:** 03/11/24

SAMPLE RESULTS

Lab ID: L2411599-01 Date Collected: 03/04/24 12:20
Client ID: MW-7 4-6 Date Received: 03/04/24
Sample Location: BUFFALO Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411599

Project Number: 4461.0001B002 **Report Date:** 03/11/24

SAMPLE RESULTS

Lab ID: L2411599-01 Date Collected: 03/04/24 12:20

Client ID: MW-7 4-6 Date Received: 03/04/24

Sample Location: BUFFALO Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	54		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	57		18-120

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411599

Project Number: 4461.0001B002 **Report Date:** 03/11/24

SAMPLE RESULTS

Lab ID: L2411599-02
Client ID: MW-8 4-6
Sample Location: BUFFALO

Date Collected: 03/04/24 12:25
Date Received: 03/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/11/24 02:59
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/07/24 19:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411599

Project Number: 4461.0001B002 **Report Date:** 03/11/24

SAMPLE RESULTS

Lab ID: L2411599-02 Date Collected: 03/04/24 12:25

Client ID: MW-8 4-6 Date Received: 03/04/24

Sample Location: BUFFALO Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411599

Project Number: 4461.0001B002 **Report Date:** 03/11/24

SAMPLE RESULTS

Lab ID: L2411599-02 Date Collected: 03/04/24 12:25

Client ID: MW-8 4-6 Date Received: 03/04/24

Sample Location: BUFFALO Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
Tentatively Identified Compounds						
Total TIC Compounds	172	J	ug/kg			1
Unknown	172	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	51		18-120

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411599

Project Number: 4461.0001B002 **Report Date:** 03/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/08/24 07:13
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 03/07/24 19:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1893577-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411599
Report Date: 03/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/08/24 07:13
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 03/07/24 19:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1893577-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411599
Report Date: 03/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/08/24 07:13
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 03/07/24 19:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1893577-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	97		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411599

Report Date: 03/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1893577-2 WG1893577-3								
Acenaphthene	84		77		31-137	9		50
Hexachlorobenzene	93		87		40-140	7		50
Bis(2-chloroethyl)ether	72		66		40-140	9		50
2-Chloronaphthalene	81		74		40-140	9		50
3,3'-Dichlorobenzidine	71		64		40-140	10		50
2,4-Dinitrotoluene	102		92		40-132	10		50
2,6-Dinitrotoluene	93		83		40-140	11		50
Fluoranthene	83		77		40-140	8		50
4-Chlorophenyl phenyl ether	82		74		40-140	10		50
4-Bromophenyl phenyl ether	84		78		40-140	7		50
Bis(2-chloroisopropyl)ether	69		63		40-140	9		50
Bis(2-chloroethoxy)methane	78		71		40-117	9		50
Hexachlorobutadiene	78		71		40-140	9		50
Hexachlorocyclopentadiene	88		81		40-140	8		50
Hexachloroethane	73		67		40-140	9		50
Isophorone	77		70		40-140	10		50
Naphthalene	80		73		40-140	9		50
Nitrobenzene	85		76		40-140	11		50
NDPA/DPA	82		77		36-157	6		50
n-Nitrosodi-n-propylamine	75		70		32-121	7		50
Bis(2-ethylhexyl)phthalate	85		77		40-140	10		50
Butyl benzyl phthalate	88		82		40-140	7		50
Di-n-butylphthalate	85		78		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411599

Report Date: 03/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1893577-2 WG1893577-3								
Di-n-octylphthalate	83		75		40-140	10		50
Diethyl phthalate	82		76		40-140	8		50
Dimethyl phthalate	82		76		40-140	8		50
Benzo(a)anthracene	77		71		40-140	8		50
Benzo(a)pyrene	85		77		40-140	10		50
Benzo(b)fluoranthene	83		76		40-140	9		50
Benzo(k)fluoranthene	86		77		40-140	11		50
Chrysene	79		72		40-140	9		50
Acenaphthylene	80		73		40-140	9		50
Anthracene	86		80		40-140	7		50
Benzo(ghi)perylene	82		78		40-140	5		50
Fluorene	85		77		40-140	10		50
Phenanthrene	84		77		40-140	9		50
Dibenzo(a,h)anthracene	83		78		40-140	6		50
Indeno(1,2,3-cd)pyrene	82		76		40-140	8		50
Pyrene	84		77		35-142	9		50
Biphenyl	75		68		37-127	10		50
4-Chloroaniline	71		63		40-140	12		50
2-Nitroaniline	94		88		47-134	7		50
3-Nitroaniline	82		79		26-129	4		50
4-Nitroaniline	86		80		41-125	7		50
Dibenzofuran	82		76		40-140	8		50
2-Methylnaphthalene	83		76		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411599

Report Date: 03/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1893577-2 WG1893577-3								
1,2,4,5-Tetrachlorobenzene	74		67		40-117	10		50
Acetophenone	73		65		14-144	12		50
2,4,6-Trichlorophenol	84		78		30-130	7		50
p-Chloro-m-cresol	88		82		26-103	7		50
2-Chlorophenol	80		72		25-102	11		50
2,4-Dichlorophenol	84		77		30-130	9		50
2,4-Dimethylphenol	101		92		30-130	9		50
2-Nitrophenol	95		85		30-130	11		50
4-Nitrophenol	100		90		11-114	11		50
2,4-Dinitrophenol	73		77		4-130	5		50
4,6-Dinitro-o-cresol	95		92		10-130	3		50
Pentachlorophenol	88		84		17-109	5		50
Phenol	80		73		26-90	9		50
2-Methylphenol	83		75		30-130.	10		50
3-Methylphenol/4-Methylphenol	90		82		30-130	9		50
2,4,5-Trichlorophenol	86		80		30-130	7		50
Carbazole	85		78		54-128	9		50
Atrazine	76		70		40-140	8		50
Benzaldehyde	65		56		40-140	15		50
Caprolactam	72		69		15-130	4		50
2,3,4,6-Tetrachlorophenol	90		82		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411599

Report Date: 03/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1893577-2 WG1893577-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		70		25-120
Phenol-d6	75		70		10-120
Nitrobenzene-d5	82		76		23-120
2-Fluorobiphenyl	79		73		30-120
2,4,6-Tribromophenol	98		89		10-136
4-Terphenyl-d14	83		77		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411599
Report Date: 03/11/24

SAMPLE RESULTS

Lab ID: L2411599-01
Client ID: MW-7 4-6
Sample Location: BUFFALO
Date Collected: 03/04/24 12:20
Date Received: 03/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8190		mg/kg	22.4	6.06	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	11.2	0.853	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.07	J	mg/kg	2.24	0.467	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Barium, Total	79.8		mg/kg	2.24	0.391	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.405	J	mg/kg	1.12	0.074	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	2.24	0.220	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Calcium, Total	82900		mg/kg	22.4	7.86	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Chromium, Total	15.0		mg/kg	2.24	0.216	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.89		mg/kg	4.49	0.373	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Copper, Total	10.7		mg/kg	2.24	0.579	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Iron, Total	16200		mg/kg	11.2	2.03	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Lead, Total	14.5		mg/kg	11.2	0.602	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Magnesium, Total	28300		mg/kg	22.4	3.46	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Manganese, Total	426		mg/kg	2.24	0.357	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.077	0.050	1	03/07/24 22:36	03/11/24 11:03	EPA 7471B	1,7471B	MJR
Nickel, Total	14.2		mg/kg	5.61	0.544	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Potassium, Total	1010		mg/kg	561	32.3	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	4.49	0.579	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.12	0.636	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Sodium, Total	160	J	mg/kg	449	7.07	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	4.49	0.707	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Vanadium, Total	16.8		mg/kg	2.24	0.456	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF
Zinc, Total	64.9		mg/kg	11.2	0.658	5	03/07/24 21:40	03/08/24 12:58	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411599
Report Date: 03/11/24

SAMPLE RESULTS

Lab ID: L2411599-02
Client ID: MW-8 4-6
Sample Location: BUFFALO
Date Collected: 03/04/24 12:25
Date Received: 03/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9440		mg/kg	23.1	6.23	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	11.5	0.877	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.80		mg/kg	2.31	0.480	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Barium, Total	85.4		mg/kg	2.31	0.401	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.512	J	mg/kg	1.15	0.076	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	2.31	0.226	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Calcium, Total	76600		mg/kg	23.1	8.07	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Chromium, Total	14.4		mg/kg	2.31	0.221	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Cobalt, Total	9.01		mg/kg	4.61	0.383	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Copper, Total	19.1		mg/kg	2.31	0.595	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Iron, Total	19900		mg/kg	11.5	2.08	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Lead, Total	14.7		mg/kg	11.5	0.618	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Magnesium, Total	24200		mg/kg	23.1	3.55	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Manganese, Total	585		mg/kg	2.31	0.367	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.073	0.048	1	03/07/24 22:36	03/11/24 11:06	EPA 7471B	1,7471B	MJR
Nickel, Total	20.4		mg/kg	5.77	0.558	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Potassium, Total	994		mg/kg	577	33.2	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	4.61	0.595	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.15	0.653	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Sodium, Total	139	J	mg/kg	461	7.27	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	4.61	0.727	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Vanadium, Total	21.6		mg/kg	2.31	0.468	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF
Zinc, Total	63.4		mg/kg	11.5	0.676	5	03/07/24 21:40	03/08/24 13:20	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411599

Project Number: 4461.0001B002 **Report Date:** 03/11/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1893597-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Arsenic, Total	0.098	J	mg/kg	0.400	0.083	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Iron, Total	1.06	J	mg/kg	2.00	0.361	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Manganese, Total	0.249	J	mg/kg	0.400	0.064	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	03/07/24 21:40	03/08/24 12:22	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1893599-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/07/24 22:36	03/11/24 10:17	1,7471B	MJR

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411599
Report Date: 03/11/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411599

Report Date: 03/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1893597-2 SRM Lot Number: D123-540								
Aluminum, Total	60		-		53-147	-		
Antimony, Total	148		-		2-201	-		
Arsenic, Total	100		-		82-118	-		
Barium, Total	98		-		82-118	-		
Beryllium, Total	100		-		83-117	-		
Cadmium, Total	98		-		83-118	-		
Calcium, Total	99		-		82-118	-		
Chromium, Total	100		-		81-118	-		
Cobalt, Total	101		-		83-117	-		
Copper, Total	102		-		83-117	-		
Iron, Total	86		-		58-142	-		
Lead, Total	103		-		82-119	-		
Magnesium, Total	82		-		75-124	-		
Manganese, Total	100		-		81-119	-		
Nickel, Total	102		-		82-118	-		
Potassium, Total	74		-		72-128	-		
Selenium, Total	99		-		81-119	-		
Silver, Total	102		-		79-120	-		
Sodium, Total	103		-		74-126	-		
Thallium, Total	99		-		81-120	-		
Vanadium, Total	99		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411599

Report Date: 03/11/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1893597-2 SRM Lot Number: D123-540					
Zinc, Total	95	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1893599-2 SRM Lot Number: D123-540					
Mercury, Total	97	-	67-132	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411599
Report Date: 03/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1893597-3 QC Sample: L2411636-01 Client ID: MS Sample												
Aluminum, Total	2510	192	2740	120		-	-		75-125	-		20
Antimony, Total	ND	48	47.3	98		-	-		75-125	-		20
Arsenic, Total	3.91	11.5	15.5	100		-	-		75-125	-		20
Barium, Total	146	192	295	78		-	-		75-125	-		20
Beryllium, Total	0.171J	4.8	4.97	103		-	-		75-125	-		20
Cadmium, Total	0.460J	5.09	5.02	99		-	-		75-125	-		20
Calcium, Total	7550	960	7020	**0**	Q	-	-		75-125	-		20
Chromium, Total	9.94	19.2	28.0	94		-	-		75-125	-		20
Cobalt, Total	1.08J	48	47.8	100		-	-		75-125	-		20
Copper, Total	17.4	24	48.2	**128**	Q	-	-		75-125	-		20
Iron, Total	5850	96	4820	**0**	Q	-	-		75-125	-		20
Lead, Total	1640	50.9	1130	**0**	Q	-	-		75-125	-		20
Magnesium, Total	781	960	1680	94		-	-		75-125	-		20
Manganese, Total	64.2	48	95.7	**66**	Q	-	-		75-125	-		20
Nickel, Total	4.03J	48	50.8	106		-	-		75-125	-		20
Potassium, Total	256J	960	1240	**129**	Q	-	-		75-125	-		20
Selenium, Total	ND	11.5	10.2	88		-	-		75-125	-		20
Silver, Total	ND	4.8	5.18	108		-	-		75-125	-		20
Sodium, Total	43.8J	960	1040	108		-	-		75-125	-		20
Thallium, Total	ND	11.5	10.9	94		-	-		75-125	-		20
Vanadium, Total	11.6	48	58.2	97		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411599
Report Date: 03/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1893597-3 QC Sample: L2411636-01 Client ID: MS Sample										
Zinc, Total	336	48	293	**0**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1893599-3 QC Sample: L2411636-01 Client ID: MS Sample										
Mercury, Total	0.167	1.68	1.84	100		-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411599
Report Date: 03/11/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1893597-4 QC Sample: L2411636-01 Client ID: DUP Sample						
Aluminum, Total	2510	2540	mg/kg	1		20
Antimony, Total	ND	1.78J	mg/kg	NC		20
Arsenic, Total	3.91	3.27	mg/kg	18		20
Barium, Total	146	143	mg/kg	2		20
Beryllium, Total	0.171J	0.166J	mg/kg	NC		20
Cadmium, Total	0.460J	0.475J	mg/kg	NC		20
Calcium, Total	7550	6250	mg/kg	19		20
Chromium, Total	9.94	9.29	mg/kg	7		20
Cobalt, Total	1.08J	1.25J	mg/kg	NC		20
Copper, Total	17.4	17.6	mg/kg	1		20
Iron, Total	5850	5460	mg/kg	7		20
Lead, Total	1640	1490	mg/kg	10		20
Magnesium, Total	781	677	mg/kg	14		20
Manganese, Total	64.2	59.8	mg/kg	7		20
Nickel, Total	4.03J	3.90J	mg/kg	NC		20
Potassium, Total	256J	243J	mg/kg	NC		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	43.8J	45.0J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411599
Report Date: 03/11/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1893597-4 QC Sample: L2411636-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	11.6	11.0	mg/kg	5	20
Zinc, Total	336	386	mg/kg	14	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1893599-4 QC Sample: L2411636-01 Client ID: DUP Sample					
Mercury, Total	0.167	0.163	mg/kg	2	20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2411599
Report Date: 03/11/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1893597-6 QC Sample: L2411636-01 Client ID: DUP Sample						
Aluminum, Total	2510	2530	mg/kg	1		20
Barium, Total	146	148	mg/kg	1		20
Calcium, Total	7550	7690	mg/kg	2		20
Iron, Total	5850	5960	mg/kg	2		20
Lead, Total	1640	1660	mg/kg	1		20
Magnesium, Total	781	787	mg/kg	1		20
Manganese, Total	64.2	65.6	mg/kg	2		20
Zinc, Total	336	339	mg/kg	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411599
Report Date: 03/11/24

SAMPLE RESULTS

Lab ID: L2411599-01
Client ID: MW-7 4-6
Sample Location: BUFFALO

Date Collected: 03/04/24 12:20
Date Received: 03/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	03/05/24 09:23	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411599
Report Date: 03/11/24

SAMPLE RESULTS

Lab ID: L2411599-02
Client ID: MW-8 4-6
Sample Location: BUFFALO

Date Collected: 03/04/24 12:25
Date Received: 03/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	03/05/24 09:23	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411599

Report Date: 03/11/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1892266-1 QC Sample: L2411632-01 Client ID: DUP Sample						
Solids, Total	86.0	86.9	%	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411599
Report Date: 03/11/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2411599-01A	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2411599-01B	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7)
L2411599-02A	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2411599-02B	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411599
Project Number:	4461.0001B002	**Report Date:**	03/11/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411599
Project Number:	4461.0001B002	**Report Date:**	03/11/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411599
Project Number:	4461.0001B002	**Report Date:**	03/11/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411599
Project Number:	4461.0001B002	**Report Date:**	03/11/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA

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TEL: 508-898-9220
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320 Forbes Blvd
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Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 03/05/24

ALPHA Job #: L2411599

Client Information

Client: Rova
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: amunley@rovainc.com

Project Information

Project Name: 1681-1689 Main Street
Project Location: Buffalo
Project #: 4461.0001B002
(Use Project name as Project #)
Project Manager:
ALPHAQuote #:

Turn-Around Time

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

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

CAT B

Please specify Metals or TAL.

Deliverables

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

Regulatory Requirement

- NY TOGS
- NY Part 375
- AWQ Standards
- NY CP-51
- NY Restricted Use
- Other
- NY Unrestricted Use
- NYC Sewer Discharge

Billing Information

- Same as Client Info

PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
- NJ
- NY
- Other:

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Metals	SVOCs + TICs							Total # Bottles
11599-01	MW-7 4-6	3-4-24	1220	Soil	CEH	X	X							
-02	MW-8 4-6	3-4-24	1225	Soil	CEH	X	X							

Container Type
Preservative

Sample Filtration
- Done
- Lab to do

Preservation
- Lab to do

(Please Specify below)

Sample Specific Comments

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	3-4-24 1330		3/4/24 1330
	3/4/24 1330		3/5/24 0000

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2411600
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	03/06/24

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

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411600
Report Date: 03/06/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2411600-01	B-7 7	SOIL	BUFFALO	03/04/24 12:00	03/04/24
L2411600-02	B-8 7	SOIL	BUFFALO	03/04/24 12:15	03/04/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411600
Project Number:	4461.0001B002	**Report Date:**	03/06/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411600
Project Number:	4461.0001B002	**Report Date:**	03/06/24

Case Narrative (continued)

Report Submission

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

Total Metals

L2411600-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 03/06/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411600
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2411600-01
Client ID: B-7 7
Sample Location: BUFFALO

Date Collected: 03/04/24 12:00
Date Received: 03/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/05/24 08:38
Analyst: JG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/05/24 02:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411600

Project Number: 4461.0001B002 **Report Date:** 03/06/24

SAMPLE RESULTS

Lab ID: L2411600-01 Date Collected: 03/04/24 12:00

Client ID: B-7 7 Date Received: 03/04/24

Sample Location: BUFFALO Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411600

Project Number: 4461.0001B002 **Report Date:** 03/06/24

SAMPLE RESULTS

Lab ID: L2411600-01 Date Collected: 03/04/24 12:00

Client ID: B-7 7 Date Received: 03/04/24

Sample Location: BUFFALO Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	59		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411600
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2411600-02
Client ID: B-8 7
Sample Location: BUFFALO

Date Collected: 03/04/24 12:15
Date Received: 03/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/05/24 09:12
Analyst: JG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 03/05/24 02:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411600

Project Number: 4461.0001B002 **Report Date:** 03/06/24

SAMPLE RESULTS

Lab ID: L2411600-02 Date Collected: 03/04/24 12:15

Client ID: B-8 7 Date Received: 03/04/24

Sample Location: BUFFALO Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411600

Project Number: 4461.0001B002 **Report Date:** 03/06/24

SAMPLE RESULTS

Lab ID: L2411600-02 Date Collected: 03/04/24 12:15

Client ID: B-8 7 Date Received: 03/04/24

Sample Location: BUFFALO Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	70		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411600
Report Date: 03/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/05/24 02:18
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 03/04/24 09:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1891836-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411600

Project Number: 4461.0001B002 **Report Date:** 03/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/05/24 02:18
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 03/04/24 09:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1891836-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411600
Report Date: 03/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/05/24 02:18
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 03/04/24 09:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1891836-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	78		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411600
Report Date: 03/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1891836-2 WG1891836-3								
Acenaphthene	65		67		31-137	3		50
Hexachlorobenzene	65		67		40-140	3		50
Bis(2-chloroethyl)ether	59		61		40-140	3		50
2-Chloronaphthalene	65		72		40-140	10		50
3,3'-Dichlorobenzidine	49		50		40-140	2		50
2,4-Dinitrotoluene	68		70		40-132	3		50
2,6-Dinitrotoluene	67		73		40-140	9		50
Fluoranthene	67		69		40-140	3		50
4-Chlorophenyl phenyl ether	65		69		40-140	6		50
4-Bromophenyl phenyl ether	69		68		40-140	1		50
Bis(2-chloroisopropyl)ether	**35**	Q	**36**	Q	40-140	3		50
Bis(2-chloroethoxy)methane	65		67		40-117	3		50
Hexachlorobutadiene	70		73		40-140	4		50
Hexachlorocyclopentadiene	92		99		40-140	7		50
Hexachloroethane	57		59		40-140	3		50
Isophorone	64		66		40-140	3		50
Naphthalene	63		66		40-140	5		50
Nitrobenzene	64		68		40-140	6		50
NDPA/DPA	68		69		36-157	1		50
n-Nitrosodi-n-propylamine	62		66		32-121	6		50
Bis(2-ethylhexyl)phthalate	68		67		40-140	1		50
Butyl benzyl phthalate	67		64		40-140	5		50
Di-n-butylphthalate	67		66		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411600

Report Date: 03/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1891836-2 WG1891836-3								
Di-n-octylphthalate	68		67		40-140	1		50
Diethyl phthalate	64		64		40-140	0		50
Dimethyl phthalate	64		70		40-140	9		50
Benzo(a)anthracene	65		66		40-140	2		50
Benzo(a)pyrene	62		63		40-140	2		50
Benzo(b)fluoranthene	61		61		40-140	0		50
Benzo(k)fluoranthene	62		62		40-140	0		50
Chrysene	64		64		40-140	0		50
Acenaphthylene	64		69		40-140	8		50
Anthracene	69		69		40-140	0		50
Benzo(ghi)perylene	62		63		40-140	2		50
Fluorene	67		67		40-140	0		50
Phenanthrene	66		67		40-140	2		50
Dibenzo(a,h)anthracene	61		62		40-140	2		50
Indeno(1,2,3-cd)pyrene	63		66		40-140	5		50
Pyrene	69		66		35-142	4		50
Biphenyl	68		76		37-127	11		50
4-Chloroaniline	54		54		40-140	0		50
2-Nitroaniline	69		76		47-134	10		50
3-Nitroaniline	55		56		26-129	2		50
4-Nitroaniline	63		62		41-125	2		50
Dibenzofuran	65		67		40-140	3		50
2-Methylnaphthalene	68		73		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411600

Report Date: 03/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1891836-2 WG1891836-3								
1,2,4,5-Tetrachlorobenzene	71		80		40-117	12		50
Acetophenone	66		72		14-144	9		50
2,4,6-Trichlorophenol	70		77		30-130	10		50
p-Chloro-m-cresol	70		72		26-103	3		50
2-Chlorophenol	62		68		25-102	9		50
2,4-Dichlorophenol	69		73		30-130	6		50
2,4-Dimethylphenol	77		80		30-130	4		50
2-Nitrophenol	69		72		30-130	4		50
4-Nitrophenol	58		61		11-114	5		50
2,4-Dinitrophenol	53		54		4-130	2		50
4,6-Dinitro-o-cresol	68		68		10-130	0		50
Pentachlorophenol	62		67		17-109	8		50
Phenol	64		71		26-90	10		50
2-Methylphenol	68		73		30-130.	7		50
3-Methylphenol/4-Methylphenol	69		75		30-130	8		50
2,4,5-Trichlorophenol	71		77		30-130	8		50
Carbazole	66		66		54-128	0		50
Atrazine	70		72		40-140	3		50
Benzaldehyde	60		63		40-140	5		50
Caprolactam	56		54		15-130	4		50
2,3,4,6-Tetrachlorophenol	70		73		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411600

Report Date: 03/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1891836-2 WG1891836-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		68		25-120
Phenol-d6	64		69		10-120
Nitrobenzene-d5	62		65		23-120
2-Fluorobiphenyl	66		70		30-120
2,4,6-Tribromophenol	69		69		10-136
4-Terphenyl-d14	68		65		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Lab Number: L2411600
Project Number: 4461.0001B002
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2411600-01
Client ID: B-7 7
Sample Location: BUFFALO
Date Collected: 03/04/24 12:00
Date Received: 03/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8100		mg/kg	21.8	5.88	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	10.9	0.827	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.43		mg/kg	2.18	0.453	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Barium, Total	81.2		mg/kg	2.18	0.379	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.393	J	mg/kg	1.09	0.072	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	2.18	0.213	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Calcium, Total	72500		mg/kg	21.8	7.62	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Chromium, Total	12.4		mg/kg	2.18	0.209	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.29		mg/kg	4.35	0.361	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Copper, Total	14.3		mg/kg	2.18	0.562	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Iron, Total	16600		mg/kg	10.9	1.96	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Lead, Total	13.8		mg/kg	10.9	0.583	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Magnesium, Total	26000		mg/kg	21.8	3.35	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Manganese, Total	460		mg/kg	2.18	0.346	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.048	1	03/05/24 08:00	03/06/24 08:42	EPA 7471B	1,7471B	GMG
Nickel, Total	16.2		mg/kg	5.44	0.527	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Potassium, Total	1440		mg/kg	544	31.3	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	4.35	0.562	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.09	0.616	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Sodium, Total	189	J	mg/kg	435	6.86	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	4.35	0.686	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Vanadium, Total	18.5		mg/kg	2.18	0.442	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF
Zinc, Total	62.1		mg/kg	10.9	0.638	5	03/05/24 07:10	03/05/24 11:00	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411600

Project Number: 4461.0001B002 **Report Date:** 03/06/24

SAMPLE RESULTS

Lab ID: L2411600-02 Date Collected: 03/04/24 12:15

Client ID: B-8 7 Date Received: 03/04/24

Sample Location: BUFFALO Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7460		mg/kg	22.1	5.98	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	11.1	0.841	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.78		mg/kg	2.21	0.460	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Barium, Total	66.4		mg/kg	2.21	0.385	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.369	J	mg/kg	1.11	0.073	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	2.21	0.217	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Calcium, Total	75200		mg/kg	22.1	7.74	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Chromium, Total	11.4		mg/kg	2.21	0.212	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.91		mg/kg	4.42	0.367	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Copper, Total	13.5		mg/kg	2.21	0.571	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Iron, Total	15400		mg/kg	11.1	2.00	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Lead, Total	13.1		mg/kg	11.1	0.593	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Magnesium, Total	26500		mg/kg	22.1	3.41	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Manganese, Total	456		mg/kg	2.21	0.352	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.048	1	03/05/24 08:00	03/06/24 08:45	EPA 7471B	1,7471B	GMG
Nickel, Total	13.2		mg/kg	5.53	0.536	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Potassium, Total	1300		mg/kg	553	31.9	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	4.42	0.571	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.11	0.626	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Sodium, Total	166	J	mg/kg	442	6.97	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Thallium, Total	0.756	J	mg/kg	4.42	0.697	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Vanadium, Total	17.9		mg/kg	2.21	0.449	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF
Zinc, Total	60.4		mg/kg	11.1	0.648	5	03/05/24 07:10	03/05/24 11:05	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411600

Project Number: 4461.0001B002 **Report Date:** 03/06/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1892114-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Antimony, Total	0.196	J	mg/kg	2.00	0.152	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Arsenic, Total	0.260	J	mg/kg	0.400	0.083	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Iron, Total	1.56	J	mg/kg	2.00	0.361	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Sodium, Total	2.17	J	mg/kg	80.0	1.26	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	03/05/24 07:10	03/05/24 09:52	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1892117-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/05/24 08:00	03/05/24 12:13	1,7471B	GMG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411600
Report Date: 03/06/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411600

Report Date: 03/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1892114-2 SRM Lot Number: D123-540								
Aluminum, Total	62		-		53-147	-		
Antimony, Total	166		-		2-201	-		
Arsenic, Total	102		-		82-118	-		
Barium, Total	97		-		82-118	-		
Beryllium, Total	102		-		83-117	-		
Cadmium, Total	99		-		83-118	-		
Calcium, Total	100		-		82-118	-		
Chromium, Total	102		-		81-118	-		
Cobalt, Total	103		-		83-117	-		
Copper, Total	102		-		83-117	-		
Iron, Total	84		-		58-142	-		
Lead, Total	103		-		82-119	-		
Magnesium, Total	83		-		75-124	-		
Manganese, Total	103		-		81-119	-		
Nickel, Total	104		-		82-118	-		
Potassium, Total	80		-		72-128	-		
Selenium, Total	101		-		81-119	-		
Silver, Total	102		-		79-120	-		
Sodium, Total	103		-		74-126	-		
Thallium, Total	102		-		81-120	-		
Vanadium, Total	99		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411600

Report Date: 03/06/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1892114-2 SRM Lot Number: D123-540					
Zinc, Total	98	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1892117-2 SRM Lot Number: D123-540					
Mercury, Total	87	-	67-132	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411600
Report Date: 03/06/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1892114-3 WG1892114-4 QC Sample: L2410869-01 Client ID: MS Sample												
Aluminum, Total	3650	254	4000	**138**	Q	4370	**273**	Q	75-125	9		20
Antimony, Total	1.33J	63.5	67.3	106		68.5	104		75-125	2		20
Arsenic, Total	8.19	15.2	26.3	119		23.1	94		75-125	13		20
Barium, Total	33.2	254	300	105		296	100		75-125	1		20
Beryllium, Total	0.164J	6.35	6.61	104		6.84	104		75-125	3		20
Cadmium, Total	ND	6.73	6.44	96		6.70	96		75-125	4		20
Calcium, Total	1280	1270	2810	120		2400	85		75-125	16		20
Chromium, Total	5.31	25.4	33.1	109		35.2	114		75-125	6		20
Cobalt, Total	2.31J	63.5	66.2	104		68.6	104		75-125	4		20
Copper, Total	9.73	31.8	54.8	**142**	Q	44.5	106		75-125	**21**	Q	20
Iron, Total	13200	127	16700	**2760**	Q	12100	**0**	Q	75-125	**32**	Q	20
Lead, Total	74.2	67.3	155	120		132	83		75-125	16		20
Magnesium, Total	1090	1270	2270	93		3220	**162**	Q	75-125	**35**	Q	20
Manganese, Total	438	63.5	511	115		479	**62**	Q	75-125	6		20
Nickel, Total	6.58J	63.5	72.4	114		76.0	115		75-125	5		20
Potassium, Total	219J	1270	1530	120		1540	117		75-125	1		20
Selenium, Total	ND	15.2	14.9	98		16.3	103		75-125	9		20
Silver, Total	ND	6.35	6.49	102		6.84	104		75-125	5		20
Sodium, Total	21.4J	1270	1370	108		1420	108		75-125	4		20
Thallium, Total	ND	15.2	14.9	98		16.0	101		75-125	7		20
Vanadium, Total	6.57	63.5	70.0	100		72.7	100		75-125	4		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411600
Report Date: 03/06/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1892114-3 WG1892114-4 QC Sample: L2410869-01 Client ID: MS Sample											
Zinc, Total	71.7	63.5	160	**139**	Q	129	87	75-125	**21**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1892117-3 WG1892117-4 QC Sample: L2410869-01 Client ID: MS Sample											
Mercury, Total	0.157	2.13	2.19	95		2.09	91	80-120	5		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2411600
Report Date: 03/06/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1892114-6 QC Sample: L2410869-01 Client ID: DUP Sample						
Aluminum, Total	3650	3730	mg/kg	2		20
Calcium, Total	1280	1320	mg/kg	3		20
Iron, Total	13200	13500	mg/kg	2		20
Magnesium, Total	1090	1100	mg/kg	1		20
Manganese, Total	438	441	mg/kg	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411600
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2411600-01
Client ID: B-7 7
Sample Location: BUFFALO

Date Collected: 03/04/24 12:00
Date Received: 03/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	03/05/24 07:26	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411600
Report Date: 03/06/24

SAMPLE RESULTS

Lab ID: L2411600-02
Client ID: B-8 7
Sample Location: BUFFALO

Date Collected: 03/04/24 12:15
Date Received: 03/04/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	03/05/24 07:26	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411600

Report Date: 03/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1892201-1 QC Sample: L2411564-01 Client ID: DUP Sample						
Solids, Total	60.1	60.1	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411600
Report Date: 03/06/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2411600-01A	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2411600-01B	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7)
L2411600-02A	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2411600-02B	Glass 120ml/4oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411600
Project Number:	4461.0001B002	**Report Date:**	03/06/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411600
Project Number:	4461.0001B002	**Report Date:**	03/06/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411600
Project Number:	4461.0001B002	**Report Date:**	03/06/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411600
Project Number:	4461.0001B002	**Report Date:**	03/06/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA

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FAX: 508-898-9193

Mansfield, MA 02048
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Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 3/5/24

ALPHA Job #: L2411600

Client Information

Client: Roux
Address: 3556 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmurley@rouxinc.com

Project Information

Project Name: 1681-1689 Main Street
Project Location: Buffalo
Project #: 4461.0001B002
(Use Project name as Project #)
Project Manager:
ALPHAQuote #:

Turn-Around Time

Standard
Rush (only if pre approved) X
Due Date: 2 Day TAT
# of Days:

Deliverables

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

Regulatory Requirement

NY TOGS
NY Part 375
AWQ Standards
NY CP-51
NY Restricted Use
Other
NY Unrestricted Use
NYC Sewer Discharge

Billing Information

Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ
NY
Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

CAT B

Please specify Metals or TAL.

ANALYSIS

Metals
SVOCs + TICs

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Metals	SVOCs + TICs	Sample Specific Comments
11600-01	B-7 7	3-4-24	1200	Soil	CEH	X	X	
-02	B-8 7	3-4-24	1215	Soil	CEH	X	X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code:
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
D = Other
E = Encore
B = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	A	A
Preservative	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
Chris Hardcastle	3-4-24 / 1330		3/4/24 1330
	3/4/24 1330		3/5/24 0050

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2411891
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	03/12/24

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

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411891
Report Date: 03/12/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2411891-01	NW-4 4-6	SOIL	BUFFALO, NY	03/05/24 11:15	03/05/24
L2411891-02	NW-1 4-6	SOIL	BUFFALO, NY	03/05/24 15:00	03/05/24
L2411891-03	NW-2 3-5	SOIL	BUFFALO, NY	03/05/24 15:05	03/05/24
L2411891-04	NW-3 3-5	SOIL	BUFFALO, NY	03/05/24 15:10	03/05/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411891
Project Number:	4461.0001B002	**Report Date:**	03/12/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411891
Project Number:	4461.0001B002	**Report Date:**	03/12/24

Case Narrative (continued)

Report Submission

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

Total Metals

L2411891-01 through -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 03/12/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411891
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-01
Client ID: NW-4 4-6
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 11:15
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/11/24 01:14
Analyst: ALS
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411891

Project Number: 4461.0001B002 **Report Date:** 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-01 Date Collected: 03/05/24 11:15

Client ID: NW-4 4-6 Date Received: 03/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411891

Project Number: 4461.0001B002 **Report Date:** 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-01 Date Collected: 03/05/24 11:15

Client ID: NW-4 4-6 Date Received: 03/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	51		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411891
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-02
Client ID: NW-1 4-6
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 15:00
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/11/24 01:38
Analyst: ALS
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411891

Project Number: 4461.0001B002 **Report Date:** 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-02 Date Collected: 03/05/24 15:00

Client ID: NW-1 4-6 Date Received: 03/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	450	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411891

Project Number: 4461.0001B002 **Report Date:** 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-02 Date Collected: 03/05/24 15:00

Client ID: NW-1 4-6 Date Received: 03/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	48		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411891
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-03
Client ID: NW-2 3-5
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 15:05
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/11/24 02:02
Analyst: ALS
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411891

Project Number: 4461.0001B002 **Report Date:** 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-03 Date Collected: 03/05/24 15:05

Client ID: NW-2 3-5 Date Received: 03/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411891

Project Number: 4461.0001B002 **Report Date:** 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-03 Date Collected: 03/05/24 15:05

Client ID: NW-2 3-5 Date Received: 03/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	60		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411891
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-04
Client ID: NW-3 3-5
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 15:10
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/11/24 02:26
Analyst: ALS
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411891

Project Number: 4461.0001B002 **Report Date:** 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-04 Date Collected: 03/05/24 15:10
Client ID: NW-3 3-5 Date Received: 03/05/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411891

Project Number: 4461.0001B002 **Report Date:** 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-04 Date Collected: 03/05/24 15:10

Client ID: NW-3 3-5 Date Received: 03/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	49		18-120

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411891

Project Number: 4461.0001B002 **Report Date:** 03/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/10/24 16:01
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1893760-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411891

Project Number: 4461.0001B002 **Report Date:** 03/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/10/24 16:01
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1893760-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411891
Report Date: 03/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/10/24 16:01
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 03/08/24 07:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1893760-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	72		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411891

Report Date: 03/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1893760-2 WG1893760-3								
Acenaphthene	58		63		31-137	8		50
Hexachlorobenzene	57		62		40-140	8		50
Bis(2-chloroethyl)ether	60		64		40-140	6		50
2-Chloronaphthalene	54		59		40-140	9		50
3,3'-Dichlorobenzidine	50		56		40-140	11		50
2,4-Dinitrotoluene	58		62		40-132	7		50
2,6-Dinitrotoluene	61		66		40-140	8		50
Fluoranthene	61		66		40-140	8		50
4-Chlorophenyl phenyl ether	58		64		40-140	10		50
4-Bromophenyl phenyl ether	59		64		40-140	8		50
Bis(2-chloroisopropyl)ether	58		61		40-140	5		50
Bis(2-chloroethoxy)methane	60		64		40-117	6		50
Hexachlorobutadiene	57		61		40-140	7		50
Hexachlorocyclopentadiene	64		72		40-140	12		50
Hexachloroethane	58		61		40-140	5		50
Isophorone	58		63		40-140	8		50
Naphthalene	56		60		40-140	7		50
Nitrobenzene	62		67		40-140	8		50
NDPA/DPA	58		62		36-157	7		50
n-Nitrosodi-n-propylamine	58		64		32-121	10		50
Bis(2-ethylhexyl)phthalate	57		60		40-140	5		50
Butyl benzyl phthalate	65		70		40-140	7		50
Di-n-butylphthalate	66		71		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411891

Report Date: 03/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1893760-2 WG1893760-3								
Di-n-octylphthalate	57		60		40-140	5		50
Diethyl phthalate	60		65		40-140	8		50
Dimethyl phthalate	54		59		40-140	9		50
Benzo(a)anthracene	60		64		40-140	6		50
Benzo(a)pyrene	63		67		40-140	6		50
Benzo(b)fluoranthene	62		66		40-140	6		50
Benzo(k)fluoranthene	60		64		40-140	6		50
Chrysene	59		63		40-140	7		50
Acenaphthylene	54		58		40-140	7		50
Anthracene	58		65		40-140	11		50
Benzo(ghi)perylene	60		65		40-140	8		50
Fluorene	57		62		40-140	8		50
Phenanthrene	56		62		40-140	10		50
Dibenzo(a,h)anthracene	61		66		40-140	8		50
Indeno(1,2,3-cd)pyrene	61		66		40-140	8		50
Pyrene	61		66		35-142	8		50
Biphenyl	54		58		37-127	7		50
4-Chloroaniline	52		46		40-140	12		50
2-Nitroaniline	61		67		47-134	9		50
3-Nitroaniline	54		60		26-129	11		50
4-Nitroaniline	62		68		41-125	9		50
Dibenzofuran	56		61		40-140	9		50
2-Methylnaphthalene	56		61		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411891

Report Date: 03/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1893760-2 WG1893760-3								
1,2,4,5-Tetrachlorobenzene	55		60		40-117	9		50
Acetophenone	62		66		14-144	6		50
2,4,6-Trichlorophenol	60		65		30-130	8		50
p-Chloro-m-cresol	60		66		26-103	10		50
2-Chlorophenol	63		68		25-102	8		50
2,4-Dichlorophenol	61		65		30-130	6		50
2,4-Dimethylphenol	73		78		30-130	7		50
2-Nitrophenol	70		76		30-130	8		50
4-Nitrophenol	60		66		11-114	10		50
2,4-Dinitrophenol	46		50		4-130	8		50
4,6-Dinitro-o-cresol	65		69		10-130	6		50
Pentachlorophenol	57		62		17-109	8		50
Phenol	61		68		26-90	11		50
2-Methylphenol	63		69		30-130.	9		50
3-Methylphenol/4-Methylphenol	64		69		30-130	8		50
2,4,5-Trichlorophenol	59		64		30-130	8		50
Carbazole	59		65		54-128	10		50
Atrazine	62		66		40-140	6		50
Benzaldehyde	54		57		40-140	5		50
Caprolactam	58		65		15-130	11		50
2,3,4,6-Tetrachlorophenol	63		67		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411891

Report Date: 03/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1893760-2 WG1893760-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		69		25-120
Phenol-d6	62		68		10-120
Nitrobenzene-d5	61		65		23-120
2-Fluorobiphenyl	54		57		30-120
2,4,6-Tribromophenol	59		63		10-136
4-Terphenyl-d14	60		64		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411891
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-01
Client ID: NW-4 4-6
Sample Location: BUFFALO, NY
Date Collected: 03/05/24 11:15
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13000		mg/kg	22.2	6.00	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	11.1	0.844	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Arsenic, Total	6.65		mg/kg	2.22	0.462	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Barium, Total	123		mg/kg	2.22	0.386	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.654	J	mg/kg	1.11	0.073	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	2.22	0.218	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Calcium, Total	53300		mg/kg	22.2	7.78	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Chromium, Total	20.0		mg/kg	2.22	0.213	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Cobalt, Total	9.38		mg/kg	4.44	0.369	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Copper, Total	20.3		mg/kg	2.22	0.573	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Iron, Total	24800		mg/kg	11.1	2.01	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Lead, Total	10.7	J	mg/kg	11.1	0.595	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Magnesium, Total	17100		mg/kg	22.2	3.42	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Manganese, Total	417		mg/kg	2.22	0.353	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.073	0.048	1	03/12/24 10:40	03/12/24 13:00	EPA 7471B	1,7471B	GMG
Nickel, Total	25.2		mg/kg	5.55	0.538	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Potassium, Total	1430		mg/kg	555	32.0	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	4.44	0.573	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.11	0.629	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Sodium, Total	206	J	mg/kg	444	7.00	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	4.44	0.700	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Vanadium, Total	26.3		mg/kg	2.22	0.451	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF
Zinc, Total	62.2		mg/kg	11.1	0.651	5	03/12/24 07:00	03/12/24 12:42	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411891
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-02
Client ID: NW-1 4-6
Sample Location: BUFFALO, NY
Date Collected: 03/05/24 15:00
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2830		mg/kg	23.3	6.29	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	11.6	0.886	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.27	J	mg/kg	2.33	0.485	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Barium, Total	55.9		mg/kg	2.33	0.406	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.145	J	mg/kg	1.16	0.077	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	2.33	0.228	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Calcium, Total	60500		mg/kg	23.3	8.16	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Chromium, Total	5.47		mg/kg	2.33	0.224	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Cobalt, Total	2.83	J	mg/kg	4.66	0.387	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Copper, Total	7.64		mg/kg	2.33	0.601	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Iron, Total	8100		mg/kg	11.6	2.10	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Lead, Total	9.92	J	mg/kg	11.6	0.625	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Magnesium, Total	27600		mg/kg	23.3	3.59	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Manganese, Total	299		mg/kg	2.33	0.370	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.075	0.049	1	03/12/24 10:40	03/12/24 13:03	EPA 7471B	1,7471B	GMG
Nickel, Total	6.06		mg/kg	5.83	0.564	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Potassium, Total	551	J	mg/kg	583	33.6	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	4.66	0.601	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.16	0.660	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Sodium, Total	113	J	mg/kg	466	7.34	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	4.66	0.734	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Vanadium, Total	11.0		mg/kg	2.33	0.473	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF
Zinc, Total	68.8		mg/kg	11.6	0.683	5	03/12/24 07:00	03/12/24 11:35	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411891
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-03
Client ID: NW-2 3-5
Sample Location: BUFFALO, NY
Date Collected: 03/05/24 15:05
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5350		mg/kg	22.4	6.04	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	11.2	0.850	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.80		mg/kg	2.24	0.465	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Barium, Total	48.4		mg/kg	2.24	0.389	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.278	J	mg/kg	1.12	0.074	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	2.24	0.219	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Calcium, Total	68400		mg/kg	22.4	7.83	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Chromium, Total	9.35		mg/kg	2.24	0.215	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Cobalt, Total	4.39	J	mg/kg	4.48	0.372	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Copper, Total	11.8		mg/kg	2.24	0.577	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Iron, Total	12500		mg/kg	11.2	2.02	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Lead, Total	12.4		mg/kg	11.2	0.600	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Magnesium, Total	27800		mg/kg	22.4	3.45	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Manganese, Total	359		mg/kg	2.24	0.356	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.075	0.049	1	03/12/24 10:40	03/12/24 13:06	EPA 7471B	1,7471B	GMG
Nickel, Total	10.5		mg/kg	5.59	0.542	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Potassium, Total	947		mg/kg	559	32.2	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	4.48	0.577	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.12	0.633	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Sodium, Total	145	J	mg/kg	448	7.05	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	4.48	0.705	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Vanadium, Total	15.8		mg/kg	2.24	0.454	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF
Zinc, Total	66.6		mg/kg	11.2	0.656	5	03/12/24 07:00	03/12/24 11:40	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411891
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-04
Client ID: NW-3 3-5
Sample Location: BUFFALO, NY
Date Collected: 03/05/24 15:10
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7150		mg/kg	22.4	6.06	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	11.2	0.853	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Arsenic, Total	6.06		mg/kg	2.24	0.467	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Barium, Total	54.1		mg/kg	2.24	0.390	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.352	J	mg/kg	1.12	0.074	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	2.24	0.220	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Calcium, Total	73700		mg/kg	22.4	7.85	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Chromium, Total	12.1		mg/kg	2.24	0.215	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.77		mg/kg	4.49	0.372	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Copper, Total	13.5		mg/kg	2.24	0.579	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Iron, Total	15900		mg/kg	11.2	2.03	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Lead, Total	13.7		mg/kg	11.2	0.601	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Magnesium, Total	29100		mg/kg	22.4	3.46	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Manganese, Total	439		mg/kg	2.24	0.357	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.048	1	03/12/24 10:40	03/12/24 13:10	EPA 7471B	1,7471B	GMG
Nickel, Total	13.5		mg/kg	5.61	0.543	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Potassium, Total	1170		mg/kg	561	32.3	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	4.49	0.579	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.12	0.635	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Sodium, Total	161	J	mg/kg	449	7.07	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	4.49	0.707	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Vanadium, Total	18.8		mg/kg	2.24	0.456	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF
Zinc, Total	63.4		mg/kg	11.2	0.657	5	03/12/24 07:00	03/12/24 11:44	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411891

Project Number: 4461.0001B002 **Report Date:** 03/12/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1894899-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	1.40	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Iron, Total	1.09	J	mg/kg	2.00	0.361	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Manganese, Total	0.089	J	mg/kg	0.400	0.064	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	03/12/24 07:00	03/12/24 11:25	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1894902-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/12/24 10:40	03/12/24 12:24	1,7471B	GMG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411891
Report Date: 03/12/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411891

Report Date: 03/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1894899-2 SRM Lot Number: D123-540								
Aluminum, Total	58		-		53-147	-		
Antimony, Total	152		-		2-201	-		
Arsenic, Total	85		-		82-118	-		
Barium, Total	94		-		82-118	-		
Beryllium, Total	90		-		83-117	-		
Cadmium, Total	88		-		83-118	-		
Calcium, Total	89		-		82-118	-		
Chromium, Total	90		-		81-118	-		
Cobalt, Total	92		-		83-117	-		
Copper, Total	92		-		83-117	-		
Iron, Total	76		-		58-142	-		
Lead, Total	92		-		82-119	-		
Magnesium, Total	78		-		75-124	-		
Manganese, Total	95		-		81-119	-		
Nickel, Total	92		-		82-118	-		
Potassium, Total	86		-		72-128	-		
Selenium, Total	85		-		81-119	-		
Silver, Total	92		-		79-120	-		
Sodium, Total	96		-		74-126	-		
Thallium, Total	91		-		81-120	-		
Vanadium, Total	89		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411891

Report Date: 03/12/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1894899-2 SRM Lot Number: D123-540					
Zinc, Total	87	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1894902-2 SRM Lot Number: D123-540					
Mercury, Total	97	-	67-132	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411891
Report Date: 03/12/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1894899-3 QC Sample: L2412692-01 Client ID: MS Sample												
Aluminum, Total	7490	168	7580	**54**	Q	-	-		75-125	-		20
Antimony, Total	2.26J	41.9	40.5	96		-	-		75-125	-		20
Arsenic, Total	12.4	10.1	22.7	102		-	-		75-125	-		20
Barium, Total	96.3	168	251	92		-	-		75-125	-		20
Beryllium, Total	0.305J	4.19	4.25	101		-	-		75-125	-		20
Cadmium, Total	ND	4.45	3.87	87		-	-		75-125	-		20
Calcium, Total	74700	839	68500	**0**	Q	-	-		75-125	-		20
Chromium, Total	44.9	16.8	61.4	98		-	-		75-125	-		20
Cobalt, Total	8.01	41.9	45.4	89		-	-		75-125	-		20
Copper, Total	161	21	180	90		-	-		75-125	-		20
Iron, Total	26100	83.9	29300	**3810**	Q	-	-		75-125	-		20
Lead, Total	81.4	44.5	125	98		-	-		75-125	-		20
Magnesium, Total	3430	839	4580	**137**	Q	-	-		75-125	-		20
Manganese, Total	267	41.9	384	**279**	Q	-	-		75-125	-		20
Nickel, Total	26.7	41.9	65.0	91		-	-		75-125	-		20
Potassium, Total	900	839	1680	93		-	-		75-125	-		20
Selenium, Total	ND	10.1	9.57	95		-	-		75-125	-		20
Silver, Total	0.606J	4.19	4.80	114		-	-		75-125	-		20
Sodium, Total	306J	839	1160	**138**	Q	-	-		75-125	-		20
Thallium, Total	ND	10.1	9.82	98		-	-		75-125	-		20
Vanadium, Total	33.4	41.9	73.4	95		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411891
Report Date: 03/12/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1894899-3 QC Sample: L2412692-01 Client ID: MS Sample									
Zinc, Total	331	41.9	374	102	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1894902-3 QC Sample: L2412692-01 Client ID: MS Sample									
Mercury, Total	ND	1.38	1.37	99	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411891

Report Date: 03/12/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1894899-4 QC Sample: L2412692-01 Client ID: DUP Sample						
Arsenic, Total	12.4	10.0	mg/kg	**21**	Q	20
Barium, Total	96.3	83.9	mg/kg	14		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	44.9	36.6	mg/kg	20		20
Lead, Total	81.4	62.4	mg/kg	**26**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	0.606J	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1894902-4 QC Sample: L2412692-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411891
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-01
Client ID: NW-4 4-6
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 11:15
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	03/06/24 07:32	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411891
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-02
Client ID: NW-1 4-6
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 15:00
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	03/06/24 07:32	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411891
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-03
Client ID: NW-2 3-5
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 15:05
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	03/06/24 07:32	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411891
Report Date: 03/12/24

SAMPLE RESULTS

Lab ID: L2411891-04
Client ID: NW-3 3-5
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 15:10
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	03/06/24 07:32	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411891

Report Date: 03/12/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1892713-1 QC Sample: L2411880-03 Client ID: DUP Sample						
Solids, Total	84.9	84.6	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411891
Report Date: 03/12/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2411891-01A	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2411891-01B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TS(7)
L2411891-02A	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2411891-02B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TS(7)
L2411891-03A	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2411891-03B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TS(7)
L2411891-04A	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2411891-04B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411891
Project Number:	4461.0001B002	**Report Date:**	03/12/24

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411891
Project Number:	4461.0001B002	**Report Date:**	03/12/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411891
Project Number:	4461.0001B002	**Report Date:**	03/12/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411891
Project Number:	4461.0001B002	**Report Date:**	03/12/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 3/6/24

ALPHA Job #: L2411891

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: amunley@rouxinc.com

Project Information

Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #)
Project Manager:
ALPHAQuote #:

Turn-Around Time

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

Deliverables

[ ] ASP-A [ ] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement

[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP 51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information

[ ] Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TAL Metals	SVOLs + TICs	Sample Specific Comments
11891-01	NW-4 4-6	3-5-24	1115	Soil	CEH	X	X	
-02	NW-1 4-6		1500			X	X	
-03	NW-2 3-5		1505			X	X	
-04	NW-3 3-5		1510			X	X	

Container Type	A	A											
Preservative	A	A											

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Customer	3-5-24 / 4:15	C. Quigley	3-5-24 4:15
C. Quigley	3-5-24 / 16:19		3/6/24 0210

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2411892
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	03/07/24

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

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411892
Report Date: 03/07/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2411892-01	B-4 6	SOIL	BUFFALO, NY	03/05/24 11:00	03/05/24
L2411892-02	B-1 10	SOIL	BUFFALO, NY	03/05/24 14:20	03/05/24
L2411892-03	B-2 10	SOIL	BUFFALO, NY	03/05/24 14:30	03/05/24
L2411892-04	B-3 6	SOIL	BUFFALO, NY	03/05/24 14:40	03/05/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411892
Project Number:	4461.0001B002	**Report Date:**	03/07/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411892
Project Number:	4461.0001B002	**Report Date:**	03/07/24

Case Narrative (continued)

Report Submission

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

Total Metals

L2411892-01 through -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 03/07/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411892
Report Date: 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-01
Client ID: B-4 6
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 11:00
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/07/24 11:20
Analyst: JG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 03/06/24 06:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411892

Project Number: 4461.0001B002 **Report Date:** 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-01 Date Collected: 03/05/24 11:00

Client ID: B-4 6 Date Received: 03/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411892

Project Number: 4461.0001B002 **Report Date:** 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-01 Date Collected: 03/05/24 11:00

Client ID: B-4 6 Date Received: 03/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		25-120
Phenol-d6	37		10-120
Nitrobenzene-d5	39		23-120
2-Fluorobiphenyl	42		30-120
2,4,6-Tribromophenol	51		10-136
4-Terphenyl-d14	37		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411892
Report Date: 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-02
Client ID: B-1 10
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 14:20
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/07/24 11:44
Analyst: JG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/06/24 06:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411892

Project Number: 4461.0001B002 **Report Date:** 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-02 Date Collected: 03/05/24 14:20

Client ID: B-1 10 Date Received: 03/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411892

Project Number: 4461.0001B002 **Report Date:** 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-02 Date Collected: 03/05/24 14:20

Client ID: B-1 10 Date Received: 03/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	56		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411892
Report Date: 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-03
Client ID: B-2 10
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 14:30
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/07/24 12:09
Analyst: JG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/06/24 06:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411892

Project Number: 4461.0001B002 **Report Date:** 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-03 Date Collected: 03/05/24 14:30

Client ID: B-2 10 Date Received: 03/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411892

Project Number: 4461.0001B002 **Report Date:** 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-03 Date Collected: 03/05/24 14:30

Client ID: B-2 10 Date Received: 03/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		25-120
Phenol-d6	47		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	51		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	47		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411892
Report Date: 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-04
Client ID: B-3 6
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 14:40
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 03/07/24 12:33
Analyst: JG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 03/06/24 06:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411892

Project Number: 4461.0001B002 **Report Date:** 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-04 Date Collected: 03/05/24 14:40
Client ID: B-3 6 Date Received: 03/05/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411892

Project Number: 4461.0001B002 **Report Date:** 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-04 Date Collected: 03/05/24 14:40

Client ID: B-3 6 Date Received: 03/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		25-120
Phenol-d6	49		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	48		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411892
Report Date: 03/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/07/24 10:06
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 03/06/24 06:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1892690-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411892

Project Number: 4461.0001B002 **Report Date:** 03/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/07/24 10:06
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 03/06/24 06:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1892690-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411892
Report Date: 03/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/07/24 10:06
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 03/06/24 06:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1892690-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		25-120
Phenol-d6	42		10-120
Nitrobenzene-d5	42		23-120
2-Fluorobiphenyl	48		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	53		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411892

Report Date: 03/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1892690-2 WG1892690-3								
Acenaphthene	55		50		31-137	10		50
Hexachlorobenzene	67		61		40-140	9		50
Bis(2-chloroethyl)ether	49		43		40-140	13		50
2-Chloronaphthalene	59		52		40-140	13		50
3,3'-Dichlorobenzidine	44		42		40-140	5		50
2,4-Dinitrotoluene	65		60		40-132	8		50
2,6-Dinitrotoluene	70		61		40-140	14		50
Fluoranthene	59		54		40-140	9		50
4-Chlorophenyl phenyl ether	59		53		40-140	11		50
4-Bromophenyl phenyl ether	63		58		40-140	8		50
Bis(2-chloroisopropyl)ether	**36**	Q	**32**	Q	40-140	12		50
Bis(2-chloroethoxy)methane	51		44		40-117	15		50
Hexachlorobutadiene	61		55		40-140	10		50
Hexachlorocyclopentadiene	82		71		40-140	14		50
Hexachloroethane	50		45		40-140	11		50
Isophorone	50		44		40-140	13		50
Naphthalene	53		48		40-140	10		50
Nitrobenzene	51		44		40-140	15		50
NDPA/DPA	57		52		36-157	9		50
n-Nitrosodi-n-propylamine	49		43		32-121	13		50
Bis(2-ethylhexyl)phthalate	56		51		40-140	9		50
Butyl benzyl phthalate	64		59		40-140	8		50
Di-n-butylphthalate	57		52		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411892

Report Date: 03/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1892690-2 WG1892690-3								
Di-n-octylphthalate	59		54		40-140	9		50
Diethyl phthalate	57		52		40-140	9		50
Dimethyl phthalate	61		54		40-140	12		50
Benzo(a)anthracene	53		49		40-140	8		50
Benzo(a)pyrene	62		57		40-140	8		50
Benzo(b)fluoranthene	60		54		40-140	11		50
Benzo(k)fluoranthene	59		57		40-140	3		50
Chrysene	54		49		40-140	10		50
Acenaphthylene	58		51		40-140	13		50
Anthracene	56		52		40-140	7		50
Benzo(ghi)perylene	58		53		40-140	9		50
Fluorene	56		51		40-140	9		50
Phenanthrene	54		50		40-140	8		50
Dibenzo(a,h)anthracene	57		53		40-140	7		50
Indeno(1,2,3-cd)pyrene	57		52		40-140	9		50
Pyrene	59		54		35-142	9		50
Biphenyl	54		48		37-127	12		50
4-Chloroaniline	42		40		40-140	5		50
2-Nitroaniline	69		61		47-134	12		50
3-Nitroaniline	48		48		26-129	0		50
4-Nitroaniline	55		51		41-125	8		50
Dibenzofuran	55		50		40-140	10		50
2-Methylnaphthalene	58		51		40-140	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411892
Report Date: 03/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1892690-2 WG1892690-3								
1,2,4,5-Tetrachlorobenzene	57		50		40-117	13		50
Acetophenone	49		43		14-144	13		50
2,4,6-Trichlorophenol	66		57		30-130	15		50
p-Chloro-m-cresol	60		52		26-103	14		50
2-Chlorophenol	55		49		25-102	12		50
2,4-Dichlorophenol	60		51		30-130	16		50
2,4-Dimethylphenol	65		57		30-130	13		50
2-Nitrophenol	68		59		30-130	14		50
4-Nitrophenol	55		50		11-114	10		50
2,4-Dinitrophenol	55		56		4-130	2		50
4,6-Dinitro-o-cresol	73		67		10-130	9		50
Pentachlorophenol	71		64		17-109	10		50
Phenol	47		42		26-90	11		50
2-Methylphenol	54		47		30-130.	14		50
3-Methylphenol/4-Methylphenol	54		47		30-130	14		50
2,4,5-Trichlorophenol	68		59		30-130	14		50
Carbazole	54		**50**	Q	54-128	8		50
Atrazine	57		52		40-140	9		50
Benzaldehyde	45		41		40-140	9		50
Caprolactam	45		40		15-130	12		50
2,3,4,6-Tetrachlorophenol	65		59		40-140	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411892

Report Date: 03/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1892690-2 WG1892690-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	50		46		25-120
Phenol-d6	50		44		10-120
Nitrobenzene-d5	51		44		23-120
2-Fluorobiphenyl	57		51		30-120
2,4,6-Tribromophenol	71		65		10-136
4-Terphenyl-d14	59		54		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411892
Report Date: 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-01
Client ID: B-4 6
Sample Location: BUFFALO, NY
Date Collected: 03/05/24 11:00
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7300		mg/kg	22.0	5.94	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	11.0	0.835	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.57		mg/kg	2.20	0.457	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Barium, Total	73.8		mg/kg	2.20	0.382	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.335	J	mg/kg	1.10	0.073	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	2.20	0.215	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Calcium, Total	78400		mg/kg	22.0	7.70	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Chromium, Total	12.4		mg/kg	2.20	0.211	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.15		mg/kg	4.40	0.365	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Copper, Total	15.5		mg/kg	2.20	0.567	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Iron, Total	16600		mg/kg	11.0	1.98	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Lead, Total	16.0		mg/kg	11.0	0.589	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Magnesium, Total	29900		mg/kg	22.0	3.38	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Manganese, Total	459		mg/kg	2.20	0.350	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.073	0.048	1	03/06/24 10:10	03/07/24 09:17	EPA 7471B	1,7471B	MJR
Nickel, Total	12.6		mg/kg	5.50	0.532	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Potassium, Total	1340		mg/kg	550	31.7	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	4.40	0.567	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	1.10	0.622	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Sodium, Total	194	J	mg/kg	440	6.92	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	4.40	0.692	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Vanadium, Total	20.0		mg/kg	2.20	0.446	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC
Zinc, Total	64.4		mg/kg	11.0	0.644	5	03/06/24 08:40	03/06/24 12:37	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411892

Project Number: 4461.0001B002 **Report Date:** 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-02 Date Collected: 03/05/24 14:20

Client ID: B-1 10 Date Received: 03/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2700		mg/kg	22.7	6.14	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	11.4	0.864	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Arsenic, Total	1.46	J	mg/kg	2.27	0.473	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Barium, Total	33.0		mg/kg	2.27	0.396	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.159	J	mg/kg	1.14	0.075	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	2.27	0.223	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Calcium, Total	60300		mg/kg	22.7	7.96	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Chromium, Total	5.04		mg/kg	2.27	0.218	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Cobalt, Total	2.82	J	mg/kg	4.55	0.377	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Copper, Total	7.44		mg/kg	2.27	0.587	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Iron, Total	8190		mg/kg	11.4	2.05	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Lead, Total	12.0		mg/kg	11.4	0.609	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Magnesium, Total	25200		mg/kg	22.7	3.50	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Manganese, Total	293		mg/kg	2.27	0.362	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.075	0.049	1	03/06/24 10:10	03/07/24 09:27	EPA 7471B	1,7471B	MJR
Nickel, Total	4.94	J	mg/kg	5.68	0.550	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Potassium, Total	589		mg/kg	568	32.7	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	4.55	0.587	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	1.14	0.643	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Sodium, Total	125	J	mg/kg	455	7.16	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	4.55	0.716	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Vanadium, Total	10.9		mg/kg	2.27	0.462	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC
Zinc, Total	72.8		mg/kg	11.4	0.666	5	03/06/24 08:40	03/06/24 14:40	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411892

Project Number: 4461.0001B002 **Report Date:** 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-03 Date Collected: 03/05/24 14:30

Client ID: B-2 10 Date Received: 03/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5770		mg/kg	22.2	6.00	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	11.1	0.845	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.64		mg/kg	2.22	0.463	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Barium, Total	50.6		mg/kg	2.22	0.387	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.289	J	mg/kg	1.11	0.073	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	2.22	0.218	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Calcium, Total	72400		mg/kg	22.2	7.78	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Chromium, Total	10.6		mg/kg	2.22	0.214	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Cobalt, Total	5.24		mg/kg	4.45	0.369	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Copper, Total	13.6		mg/kg	2.22	0.574	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Iron, Total	14200		mg/kg	11.1	2.01	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Lead, Total	12.5		mg/kg	11.1	0.596	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Magnesium, Total	27900		mg/kg	22.2	3.42	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Manganese, Total	411		mg/kg	2.22	0.354	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.073	0.048	1	03/06/24 10:10	03/07/24 09:30	EPA 7471B	1,7471B	MJR
Nickel, Total	10.4		mg/kg	5.56	0.538	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Potassium, Total	1070		mg/kg	556	32.0	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	4.45	0.574	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	1.11	0.629	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Sodium, Total	158	J	mg/kg	445	7.01	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	4.45	0.701	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Vanadium, Total	17.2		mg/kg	2.22	0.452	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC
Zinc, Total	56.8		mg/kg	11.1	0.652	5	03/06/24 08:40	03/06/24 14:48	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411892
Report Date: 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-04
Client ID: B-3 6
Sample Location: BUFFALO, NY
Date Collected: 03/05/24 14:40
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6750		mg/kg	22.2	5.99	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	11.1	0.843	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Arsenic, Total	15.5		mg/kg	2.22	0.462	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Barium, Total	52.3		mg/kg	2.22	0.386	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.419	J	mg/kg	1.11	0.073	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	2.22	0.217	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Calcium, Total	68700		mg/kg	22.2	7.77	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Chromium, Total	11.8		mg/kg	2.22	0.213	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Cobalt, Total	6.52		mg/kg	4.44	0.368	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Copper, Total	15.8		mg/kg	2.22	0.572	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Iron, Total	20300		mg/kg	11.1	2.00	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Lead, Total	15.3		mg/kg	11.1	0.595	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Magnesium, Total	26800		mg/kg	22.2	3.42	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Manganese, Total	412		mg/kg	2.22	0.353	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.074	0.048	1	03/06/24 10:10	03/07/24 09:33	EPA 7471B	1,7471B	MJR
Nickel, Total	13.6		mg/kg	5.55	0.537	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Potassium, Total	1200		mg/kg	555	32.0	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	4.44	0.572	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	1.11	0.628	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Sodium, Total	166	J	mg/kg	444	6.99	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	4.44	0.699	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Vanadium, Total	20.6		mg/kg	2.22	0.450	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC
Zinc, Total	66.0		mg/kg	11.1	0.650	5	03/06/24 08:40	03/06/24 14:56	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2411892

Project Number: 4461.0001B002 **Report Date:** 03/07/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1892674-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Arsenic, Total	0.099	J	mg/kg	0.400	0.083	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	1.40	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Chromium, Total	0.045	J	mg/kg	0.400	0.038	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Iron, Total	1.05	J	mg/kg	2.00	0.361	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.064	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.097	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Potassium, Total	7.86	J	mg/kg	100	5.76	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Sodium, Total	6.71	J	mg/kg	80.0	1.26	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	03/06/24 08:40	03/06/24 12:07	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1892677-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	03/06/24 10:10	03/07/24 09:10	1,7471B	MJR

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2411892
Report Date: 03/07/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411892

Report Date: 03/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1892674-2 SRM Lot Number: D123-540								
Aluminum, Total	60		-		53-147	-		
Antimony, Total	165		-		2-201	-		
Arsenic, Total	100		-		82-118	-		
Barium, Total	103		-		82-118	-		
Beryllium, Total	102		-		83-117	-		
Cadmium, Total	102		-		83-118	-		
Calcium, Total	102		-		82-118	-		
Chromium, Total	105		-		81-118	-		
Cobalt, Total	106		-		83-117	-		
Copper, Total	110		-		83-117	-		
Iron, Total	93		-		58-142	-		
Lead, Total	103		-		82-119	-		
Magnesium, Total	80		-		75-124	-		
Manganese, Total	100		-		81-119	-		
Nickel, Total	103		-		82-118	-		
Potassium, Total	81		-		72-128	-		
Selenium, Total	108		-		81-119	-		
Silver, Total	101		-		79-120	-		
Sodium, Total	105		-		74-126	-		
Thallium, Total	115		-		81-120	-		
Vanadium, Total	105		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411892

Report Date: 03/07/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1892674-2 SRM Lot Number: D123-540					
Zinc, Total	101	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1892677-2 SRM Lot Number: D123-540					
Mercury, Total	91	-	67-132	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411892
Report Date: 03/07/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1892674-3 QC Sample: L2411763-01 Client ID: MS Sample												
Aluminum, Total	1830	189	2520	**364**	Q	-	-		75-125	-		20
Antimony, Total	ND	47.3	47.4	100		-	-		75-125	-		20
Arsenic, Total	2.29J	11.4	12.9	114		-	-		75-125	-		20
Barium, Total	3.75	189	209	108		-	-		75-125	-		20
Beryllium, Total	ND	4.73	5.05	107		-	-		75-125	-		20
Cadmium, Total	ND	5.02	5.01	100		-	-		75-125	-		20
Calcium, Total	106	946	1120	107		-	-		75-125	-		20
Chromium, Total	4.82	18.9	24.8	106		-	-		75-125	-		20
Cobalt, Total	0.633J	47.3	49.6	105		-	-		75-125	-		20
Copper, Total	2.08J	23.7	28.0	118		-	-		75-125	-		20
Iron, Total	2210	94.6	2610	**423**	Q	-	-		75-125	-		20
Lead, Total	3.64J	50.2	55.1	110		-	-		75-125	-		20
Magnesium, Total	200	946	1190	105		-	-		75-125	-		20
Manganese, Total	15.6	47.3	70.9	117		-	-		75-125	-		20
Nickel, Total	1.58J	47.3	49.9	105		-	-		75-125	-		20
Potassium, Total	124J	946	1180	125		-	-		75-125	-		20
Selenium, Total	ND	11.4	10.7	94		-	-		75-125	-		20
Silver, Total	ND	4.73	4.77	101		-	-		75-125	-		20
Sodium, Total	17.4J	946	1050	111		-	-		75-125	-		20
Thallium, Total	ND	11.4	12.2	107		-	-		75-125	-		20
Vanadium, Total	6.19	47.3	55.3	104		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411892
Report Date: 03/07/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1892674-3 QC Sample: L2411763-01 Client ID: MS Sample									
Zinc, Total	6.12J	47.3	54.6	115	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1892677-3 QC Sample: L2411892-01 Client ID: B-4 6									
Mercury, Total	ND	1.44	1.41	98	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411892

Report Date: 03/07/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1892674-4 QC Sample: L2411763-01 Client ID: DUP Sample						
Arsenic, Total	2.29J	2.50	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1892677-4 QC Sample: L2411892-01 Client ID: B-4 6						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411892
Report Date: 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-01
Client ID: B-4 6
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 11:00
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	03/06/24 06:12	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411892
Report Date: 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-02
Client ID: B-1 10
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 14:20
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	03/06/24 06:12	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411892
Report Date: 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-03
Client ID: B-2 10
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 14:30
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	03/06/24 06:12	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411892
Report Date: 03/07/24

SAMPLE RESULTS

Lab ID: L2411892-04
Client ID: B-3 6
Sample Location: BUFFALO, NY

Date Collected: 03/05/24 14:40
Date Received: 03/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	03/06/24 06:12	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2411892

Report Date: 03/07/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1892681-1 QC Sample: L2411897-02 Client ID: DUP Sample						
Solids, Total	72.1	71.2	%	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411892
Report Date: 03/07/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2411892-01A	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2411892-01B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TS(7)
L2411892-02A	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2411892-02B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TS(7)
L2411892-03A	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2411892-03B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TS(7)
L2411892-04A	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2411892-04B	Glass 120ml/4oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411892
Project Number:	4461.0001B002	**Report Date:**	03/07/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411892
Project Number:	4461.0001B002	**Report Date:**	03/07/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411892
Project Number:	4461.0001B002	**Report Date:**	03/07/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2411892
Project Number:	4461.0001B002	**Report Date:**	03/07/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

ALPHA

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 03/06/24

ALPHA Job #: L2411892

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone:
Fax:
Email: Amurley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #)
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard
Rush (only if pre approved)
Due Date: 2 Day TAT
# of Days:

Deliverables
ASP-A
ASP-B
EQuIS (1 File)
EQuIS (4 File)
Other

Regulatory Requirement
NY TOGS
NY Part 375
AWQ Standards
NY CP-51
NY Restricted Use
Other
NY Unrestricted Use
NYC Sewer Discharge

Billing Information
Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ
NY
Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TAL Metals	SVOCs TICs	Total Bottles
11892-01	B-1 6	3-5-24	1100	Soil	CEH	X	X	
-02	B-1 10		1420			X	X	
-03	B-2 10		1430			X	X	
-04	B-3 6		1440			X	X	

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

Sample Specific Comments

Preservative Codes:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code:
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Sterile Cup
C = Cuba
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type								
Preservative								

Relinquished By:	Date/Time	Received By:	Date/Time
Charlie Hochwarter	3-5-24 / 4:15	C. Quigley	3-5-24 4:15
C. Quigley	3-5-24 16:19		3/6/24 0210

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2419226
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	04/11/24

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

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

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419226
Report Date: 04/11/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2419226-01	HL 1+2 B-1 12.5	SOIL	BUFFALO, NY	04/09/24 13:45	04/09/24
L2419226-02	HL 1+2 NW-1 8-10	SOIL	BUFFALO, NY	04/09/24 14:00	04/09/24
L2419226-03	HL 1+2 SW-1 8-10	SOIL	BUFFALO, NY	04/09/24 14:05	04/09/24
L2419226-04	HL 1+2 EW-1 8-10	SOIL	BUFFALO, NY	04/09/24 13:50	04/09/24
L2419226-05	HL 1+2 WW-1 8-10	SOIL	BUFFALO, NY	04/09/24 13:55	04/09/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419226
Project Number:	4461.0001B002	**Report Date:**	04/11/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419226
Project Number:	4461.0001B002	**Report Date:**	04/11/24

Case Narrative (continued)

Report Submission

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

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2419226-01 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1906738-3 MS recoveries for aluminum (761%), calcium (598%), iron (1350%), magnesium (158%) and manganese (160%), performed on L2419226-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1906738-3 MS recoveries, performed on L2419226-01, are outside the acceptance criteria for potassium (146%) and sodium (133%). A post digestion spike was performed and was within acceptance criteria.

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 04/11/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-01
Client ID: HL 1+2 B-1 12.5
Sample Location: BUFFALO, NY

Date Collected: 04/09/24 13:45
Date Received: 04/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/11/24 11:57
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	0.62	J	ug/kg	0.93	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	0.19	J	ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	2.4		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.93	0.50	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-01 Date Collected: 04/09/24 13:45

Client ID: HL 1+2 B-1 12.5 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	7.9	J	ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
n-Butylbenzene	ND		ug/kg	0.93	0.15	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
n-Propylbenzene	ND		ug/kg	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
Methyl Acetate	ND		ug/kg	3.7	0.88	1
Cyclohexane	ND		ug/kg	9.3	0.50	1
1,4-Dioxane	ND		ug/kg	74	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Tentatively Identified Compounds				
Total TIC Compounds	3.39	J	ug/kg	1
Unknown	3.39	J	ug/kg	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-01 Date Collected: 04/09/24 13:45

Client ID: HL 1+2 B-1 12.5 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	103		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-02
Client ID: HL 1+2 NW-1 8-10
Sample Location: BUFFALO, NY

Date Collected: 04/09/24 14:00
Date Received: 04/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/10/24 13:20
Analyst: JIC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	0.60	J	ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-02 Date Collected: 04/09/24 14:00

Client ID: HL 1+2 NW-1 8-10 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	9.1	J	ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
Methyl Acetate	ND		ug/kg	4.0	0.96	1
Cyclohexane	ND		ug/kg	10	0.55	1
1,4-Dioxane	ND		ug/kg	81	36.	1
Freon-113	ND		ug/kg	4.0	0.70	1
Methyl cyclohexane	ND		ug/kg	4.0	0.61	1

Tentatively Identified Compounds				
Total TIC Compounds	17.8	J	ug/kg	1
Unknown	17.8	J	ug/kg	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-02 Date Collected: 04/09/24 14:00

Client ID: HL 1+2 NW-1 8-10 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**134**	Q	70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	128		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-03
Client ID: HL 1+2 SW-1 8-10
Sample Location: BUFFALO, NY

Date Collected: 04/09/24 14:05
Date Received: 04/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/11/24 12:18
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3.9	1.8	1
1,1-Dichloroethane	ND		ug/kg	0.78	0.11	1
Chloroform	ND		ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.78	0.18	1
1,2-Dichloropropane	0.65	J	ug/kg	0.78	0.10	1
Dibromochloromethane	ND		ug/kg	0.78	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	0.78	0.21	1
Tetrachloroethene	ND		ug/kg	0.39	0.15	1
Chlorobenzene	ND		ug/kg	0.39	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.1	0.54	1
1,2-Dichloroethane	ND		ug/kg	0.78	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	0.39	0.13	1
Bromodichloromethane	ND		ug/kg	0.39	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.78	0.21	1
cis-1,3-Dichloropropene	ND		ug/kg	0.39	0.12	1
Bromoform	ND		ug/kg	3.1	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.39	0.13	1
Benzene	ND		ug/kg	0.39	0.13	1
Toluene	ND		ug/kg	0.78	0.42	1
Ethylbenzene	ND		ug/kg	0.78	0.11	1
Chloromethane	ND		ug/kg	3.1	0.73	1
Bromomethane	ND		ug/kg	1.6	0.45	1
Vinyl chloride	ND		ug/kg	0.78	0.26	1
Chloroethane	ND		ug/kg	1.6	0.35	1
1,1-Dichloroethene	ND		ug/kg	0.78	0.18	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.39	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.11	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-03 Date Collected: 04/09/24 14:05

Client ID: HL 1+2 SW-1 8-10 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	ND		ug/kg	1.6	0.44	1
o-Xylene	ND		ug/kg	0.78	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	0.78	0.14	1
Styrene	ND		ug/kg	0.78	0.15	1
Dichlorodifluoromethane	ND		ug/kg	7.8	0.71	1
Acetone	7.5	J	ug/kg	7.8	3.8	1
Carbon disulfide	ND		ug/kg	7.8	3.6	1
2-Butanone	ND		ug/kg	7.8	1.7	1
4-Methyl-2-pentanone	ND		ug/kg	7.8	1.0	1
2-Hexanone	ND		ug/kg	7.8	0.92	1
Bromochloromethane	ND		ug/kg	1.6	0.16	1
1,2-Dibromoethane	ND		ug/kg	0.78	0.22	1
n-Butylbenzene	ND		ug/kg	0.78	0.13	1
sec-Butylbenzene	ND		ug/kg	0.78	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.3	0.78	1
Isopropylbenzene	ND		ug/kg	0.78	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.78	0.09	1
n-Propylbenzene	ND		ug/kg	0.78	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.25	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.6	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.6	0.26	1
Methyl Acetate	ND		ug/kg	3.1	0.74	1
Cyclohexane	ND		ug/kg	7.8	0.42	1
1,4-Dioxane	ND		ug/kg	62	27.	1
Freon-113	ND		ug/kg	3.1	0.54	1
Methyl cyclohexane	ND		ug/kg	3.1	0.47	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-03 Date Collected: 04/09/24 14:05

Client ID: HL 1+2 SW-1 8-10 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	94.1	J	ug/kg			1
Unknown	8.46	J	ug/kg			1
Unknown	12.1	J	ug/kg			1
Unknown	13.9	J	ug/kg			1
Unknown	8.37	J	ug/kg			1
Unknown	6.49	J	ug/kg			1
Unknown	8.14	J	ug/kg			1
Unknown	5.75	J	ug/kg			1
Unknown	6.86	J	ug/kg			1
Unknown	14.2	J	ug/kg			1
Unknown	9.80	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-04
Client ID: HL 1+2 EW-1 8-10
Sample Location: BUFFALO, NY

Date Collected: 04/09/24 13:50
Date Received: 04/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/10/24 14:24
Analyst: JIC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	340	160	1
1,1-Dichloroethane	ND		ug/kg	68	9.8	1
Chloroform	ND		ug/kg	100	9.5	1
Carbon tetrachloride	ND		ug/kg	68	16.	1
1,2-Dichloropropane	ND		ug/kg	68	8.5	1
Dibromochloromethane	ND		ug/kg	68	9.5	1
1,1,2-Trichloroethane	ND		ug/kg	68	18.	1
Tetrachloroethene	ND		ug/kg	34	13.	1
Chlorobenzene	ND		ug/kg	34	8.6	1
Trichlorofluoromethane	ND		ug/kg	270	47.	1
1,2-Dichloroethane	ND		ug/kg	68	17.	1
1,1,1-Trichloroethane	ND		ug/kg	34	11.	1
Bromodichloromethane	ND		ug/kg	34	7.4	1
trans-1,3-Dichloropropene	ND		ug/kg	68	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	34	11.	1
Bromoform	ND		ug/kg	270	17.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	34	11.	1
Benzene	ND		ug/kg	34	11.	1
Toluene	ND		ug/kg	68	37.	1
Ethylbenzene	490		ug/kg	68	9.6	1
Chloromethane	ND		ug/kg	270	63.	1
Bromomethane	ND		ug/kg	140	39.	1
Vinyl chloride	ND		ug/kg	68	23.	1
Chloroethane	ND		ug/kg	140	31.	1
1,1-Dichloroethene	ND		ug/kg	68	16.	1
trans-1,2-Dichloroethene	ND		ug/kg	100	9.3	1
Trichloroethene	ND		ug/kg	34	9.3	1
1,2-Dichlorobenzene	43	J	ug/kg	140	9.8	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-04 Date Collected: 04/09/24 13:50

Client ID: HL 1+2 EW-1 8-10 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	140	10.	1
1,4-Dichlorobenzene	76	J	ug/kg	140	12.	1
Methyl tert butyl ether	ND		ug/kg	140	14.	1
p/m-Xylene	1200		ug/kg	140	38.	1
o-Xylene	ND		ug/kg	68	20.	1
cis-1,2-Dichloroethene	ND		ug/kg	68	12.	1
Styrene	ND		ug/kg	68	13.	1
Dichlorodifluoromethane	ND		ug/kg	680	62.	1
Acetone	ND		ug/kg	680	330	1
Carbon disulfide	ND		ug/kg	680	310	1
2-Butanone	ND		ug/kg	680	150	1
4-Methyl-2-pentanone	ND		ug/kg	680	87.	1
2-Hexanone	ND		ug/kg	680	80.	1
Bromochloromethane	ND		ug/kg	140	14.	1
1,2-Dibromoethane	ND		ug/kg	68	19.	1
n-Butylbenzene	320		ug/kg	68	11.	1
sec-Butylbenzene	ND		ug/kg	68	9.9	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	200	68.	1
Isopropylbenzene	130		ug/kg	68	7.4	1
p-Isopropyltoluene	44	J	ug/kg	68	7.4	1
n-Propylbenzene	1100		ug/kg	68	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	140	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	140	18.	1
1,3,5-Trimethylbenzene	2900		ug/kg	140	13.	1
1,2,4-Trimethylbenzene	12000		ug/kg	140	23.	1
Methyl Acetate	ND		ug/kg	270	64.	1
Cyclohexane	ND		ug/kg	680	37.	1
1,4-Dioxane	ND		ug/kg	5400	2400	1
Freon-113	ND		ug/kg	270	47.	1
Methyl cyclohexane	340		ug/kg	270	41.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-04 Date Collected: 04/09/24 13:50

Client ID: HL 1+2 EW-1 8-10 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	21100	J	ug/kg			1
Unknown Benzene	2350	J	ug/kg			1
Hexane, 3-methyl-	1170	NJ	ug/kg			1
Heptane, 3-methyl-	1570	NJ	ug/kg			1
Unknown Aromatic	1270	J	ug/kg			1
Unknown Benzene	2640	J	ug/kg			1
Unknown	3380	J	ug/kg			1
Unknown	1180	J	ug/kg			1
Unknown Aromatic	3970	J	ug/kg			1
Unknown Aromatic	2200	J	ug/kg			1
Unknown	1340	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	115		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-05
Client ID: HL 1+2 WW-1 8-10
Sample Location: BUFFALO, NY

Date Collected: 04/09/24 13:55
Date Received: 04/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/10/24 14:03
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	0.43	J	ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	0.82		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.97	0.53	1
Ethylbenzene	ND		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.97	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-05 Date Collected: 04/09/24 13:55

Client ID: HL 1+2 WW-1 8-10 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.89	1
Acetone	5.2	J	ug/kg	9.7	4.7	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	ND		ug/kg	9.7	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
2-Hexanone	ND		ug/kg	9.7	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
n-Butylbenzene	ND		ug/kg	0.97	0.16	1
sec-Butylbenzene	ND		ug/kg	0.97	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Isopropylbenzene	ND		ug/kg	0.97	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.10	1
n-Propylbenzene	ND		ug/kg	0.97	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
Methyl Acetate	ND		ug/kg	3.9	0.92	1
Cyclohexane	ND		ug/kg	9.7	0.53	1
1,4-Dioxane	ND		ug/kg	78	34.	1
Freon-113	ND		ug/kg	3.9	0.67	1
Methyl cyclohexane	ND		ug/kg	3.9	0.58	1

Tentatively Identified Compounds				
Total TIC Compounds	14.4	J	ug/kg	1
Unknown	14.4	J	ug/kg	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-05 Date Collected: 04/09/24 13:55

Client ID: HL 1+2 WW-1 8-10 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	120		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/10/24 09:50
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,05 Batch: WG1907501-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/10/24 09:50
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,05 Batch: WG1907501-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/10/24 09:50
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,05 Batch: WG1907501-5					
Tentatively Identified Compounds					
Total TIC Compounds	30.4	J	ug/kg		
Unknown	15.2	J	ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	118		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/10/24 09:50
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1907506-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/10/24 09:50
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1907506-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/10/24 09:50
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1907506-5					
Tentatively Identified Compounds					
Total TIC Compounds	1520	J	ug/kg		
Unknown	758	J	ug/kg		
Unknown	762	J	ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	118		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/11/24 11:15
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG1907585-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/11/24 11:15
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG1907585-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/11/24 11:15
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG1907585-5					
Tentatively Identified Compounds					
Total TIC Compounds	9.55	J	ug/kg		
Unknown	3.12	J	ug/kg		
Unknown	6.43	J	ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419226

Report Date: 04/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,05 Batch: WG1907501-3 WG1907501-4								
Methylene chloride	104		98		70-130	6		30
1,1-Dichloroethane	113		110		70-130	3		30
Chloroform	108		104		70-130	4		30
Carbon tetrachloride	102		99		70-130	3		30
1,2-Dichloropropane	103		98		70-130	5		30
Dibromochloromethane	94		97		70-130	3		30
1,1,2-Trichloroethane	96		99		70-130	3		30
Tetrachloroethene	118		114		70-130	3		30
Chlorobenzene	105		106		70-130	1		30
Trichlorofluoromethane	123		115		70-139	7		30
1,2-Dichloroethane	104		102		70-130	2		30
1,1,1-Trichloroethane	118		113		70-130	4		30
Bromodichloromethane	99		100		70-130	1		30
trans-1,3-Dichloropropene	97		98		70-130	1		30
cis-1,3-Dichloropropene	99		103		70-130	4		30
Bromoform	87		95		70-130	9		30
1,1,2,2-Tetrachloroethane	82		92		70-130	11		30
Benzene	108		106		70-130	2		30
Toluene	105		104		70-130	1		30
Ethylbenzene	103		101		70-130	2		30
Chloromethane	130		120		52-130	8		30
Bromomethane	114		107		57-147	6		30
Vinyl chloride	124		115		67-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419226

Report Date: 04/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,05 Batch: WG1907501-3 WG1907501-4								
Chloroethane	107		104		50-151	3		30
1,1-Dichloroethene	119		114		65-135	4		30
trans-1,2-Dichloroethene	120		111		70-130	8		30
Trichloroethene	123		112		70-130	9		30
1,2-Dichlorobenzene	101		102		70-130	1		30
1,3-Dichlorobenzene	104		106		70-130	2		30
1,4-Dichlorobenzene	103		107		70-130	4		30
Methyl tert butyl ether	94		96		66-130	2		30
p/m-Xylene	113		111		70-130	2		30
o-Xylene	110		108		70-130	2		30
cis-1,2-Dichloroethene	103		103		70-130	0		30
Styrene	113		110		70-130	3		30
Dichlorodifluoromethane	**158**	Q	143		30-146	10		30
Acetone	85		92		54-140	8		30
Carbon disulfide	125		114		59-130	9		30
2-Butanone	80		86		70-130	7		30
4-Methyl-2-pentanone	72		82		70-130	13		30
2-Hexanone	**67**	Q	79		70-130	16		30
Bromochloromethane	115		109		70-130	5		30
1,2-Dibromoethane	95		101		70-130	6		30
n-Butylbenzene	103		102		70-130	1		30
sec-Butylbenzene	98		100		70-130	2		30
1,2-Dibromo-3-chloropropane	77		92		68-130	18		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419226

Report Date: 04/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,05 Batch: WG1907501-3 WG1907501-4								
Isopropylbenzene	97		99		70-130	2		30
p-Isopropyltoluene	101		102		70-130	1		30
n-Propylbenzene	96		98		70-130	2		30
1,2,3-Trichlorobenzene	102		108		70-130	6		30
1,2,4-Trichlorobenzene	104		110		70-130	6		30
1,3,5-Trimethylbenzene	100		104		70-130	4		30
1,2,4-Trimethylbenzene	100		104		70-130	4		30
Methyl Acetate	87		91		51-146	4		30
Cyclohexane	88		83		59-142	6		30
1,4-Dioxane	80		94		65-136	16		30
Freon-113	120		109		50-139	10		30
Methyl cyclohexane	91		89		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		101		70-130
Toluene-d8	94		96		70-130
4-Bromofluorobenzene	85		94		70-130
Dibromofluoromethane	106		103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419226

Report Date: 04/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1907506-3 WG1907506-4								
Methylene chloride	104		98		70-130	6		30
1,1-Dichloroethane	113		110		70-130	3		30
Chloroform	108		104		70-130	4		30
Carbon tetrachloride	102		99		70-130	3		30
1,2-Dichloropropane	103		98		70-130	5		30
Dibromochloromethane	94		97		70-130	3		30
1,1,2-Trichloroethane	96		99		70-130	3		30
Tetrachloroethene	118		114		70-130	3		30
Chlorobenzene	105		106		70-130	1		30
Trichlorofluoromethane	123		115		70-139	7		30
1,2-Dichloroethane	104		102		70-130	2		30
1,1,1-Trichloroethane	118		113		70-130	4		30
Bromodichloromethane	99		100		70-130	1		30
trans-1,3-Dichloropropene	97		98		70-130	1		30
cis-1,3-Dichloropropene	99		103		70-130	4		30
Bromoform	87		95		70-130	9		30
1,1,2,2-Tetrachloroethane	82		92		70-130	11		30
Benzene	108		106		70-130	2		30
Toluene	105		104		70-130	1		30
Ethylbenzene	103		101		70-130	2		30
Chloromethane	130		120		52-130	8		30
Bromomethane	114		107		57-147	6		30
Vinyl chloride	124		115		67-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419226

Report Date: 04/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1907506-3 WG1907506-4								
Chloroethane	107		104		50-151	3		30
1,1-Dichloroethene	119		114		65-135	4		30
trans-1,2-Dichloroethene	120		111		70-130	8		30
Trichloroethene	123		112		70-130	9		30
1,2-Dichlorobenzene	101		102		70-130	1		30
1,3-Dichlorobenzene	104		106		70-130	2		30
1,4-Dichlorobenzene	103		107		70-130	4		30
Methyl tert butyl ether	94		96		66-130	2		30
p/m-Xylene	113		111		70-130	2		30
o-Xylene	110		108		70-130	2		30
cis-1,2-Dichloroethene	103		103		70-130	0		30
Styrene	113		110		70-130	3		30
Dichlorodifluoromethane	**158**	Q	143		30-146	10		30
Acetone	85		92		54-140	8		30
Carbon disulfide	125		114		59-130	9		30
2-Butanone	80		86		70-130	7		30
4-Methyl-2-pentanone	72		82		70-130	13		30
2-Hexanone	**67**	Q	79		70-130	16		30
Bromochloromethane	115		109		70-130	5		30
1,2-Dibromoethane	95		101		70-130	6		30
n-Butylbenzene	103		102		70-130	1		30
sec-Butylbenzene	98		100		70-130	2		30
1,2-Dibromo-3-chloropropane	77		92		68-130	18		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419226

Report Date: 04/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1907506-3 WG1907506-4								
Isopropylbenzene	97		99		70-130	2		30
p-Isopropyltoluene	101		102		70-130	1		30
n-Propylbenzene	96		98		70-130	2		30
1,2,3-Trichlorobenzene	102		108		70-130	6		30
1,2,4-Trichlorobenzene	104		110		70-130	6		30
1,3,5-Trimethylbenzene	100		104		70-130	4		30
1,2,4-Trimethylbenzene	100		104		70-130	4		30
Methyl Acetate	87		91		51-146	4		30
Cyclohexane	88		83		59-142	6		30
1,4-Dioxane	80		94		65-136	16		30
Freon-113	120		109		50-139	10		30
Methyl cyclohexane	91		89		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		101		70-130
Toluene-d8	94		96		70-130
4-Bromofluorobenzene	85		94		70-130
Dibromofluoromethane	106		103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419226

Report Date: 04/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG1907585-3 WG1907585-4								
Methylene chloride	92		85		70-130	8		30
1,1-Dichloroethane	106		90		70-130	16		30
Chloroform	99		92		70-130	7		30
Carbon tetrachloride	102		89		70-130	14		30
1,2-Dichloropropane	99		92		70-130	7		30
Dibromochloromethane	94		98		70-130	4		30
1,1,2-Trichloroethane	91		93		70-130	2		30
Tetrachloroethene	108		92		70-130	16		30
Chlorobenzene	104		95		70-130	9		30
Trichlorofluoromethane	106		90		70-139	16		30
1,2-Dichloroethane	95		94		70-130	1		30
1,1,1-Trichloroethane	105		92		70-130	13		30
Bromodichloromethane	88		85		70-130	3		30
trans-1,3-Dichloropropene	82		86		70-130	5		30
cis-1,3-Dichloropropene	88		85		70-130	3		30
Bromoform	84		91		70-130	8		30
1,1,2,2-Tetrachloroethane	92		99		70-130	7		30
Benzene	102		92		70-130	10		30
Toluene	101		90		70-130	12		30
Ethylbenzene	105		93		70-130	12		30
Chloromethane	102		86		52-130	17		30
Bromomethane	96		88		57-147	9		30
Vinyl chloride	106		87		67-130	20		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419226

Report Date: 04/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG1907585-3 WG1907585-4								
Chloroethane	93		82		50-151	13		30
1,1-Dichloroethene	105		90		65-135	15		30
trans-1,2-Dichloroethene	101		88		70-130	14		30
Trichloroethene	98		88		70-130	11		30
1,2-Dichlorobenzene	105		99		70-130	6		30
1,3-Dichlorobenzene	108		100		70-130	8		30
1,4-Dichlorobenzene	104		97		70-130	7		30
Methyl tert butyl ether	89		94		66-130	5		30
p/m-Xylene	110		97		70-130	13		30
o-Xylene	107		98		70-130	9		30
cis-1,2-Dichloroethene	97		89		70-130	9		30
Styrene	100		92		70-130	8		30
Dichlorodifluoromethane	107		88		30-146	19		30
Acetone	77		97		54-140	23		30
Carbon disulfide	100		87		59-130	14		30
2-Butanone	79		87		70-130	10		30
4-Methyl-2-pentanone	70		82		70-130	16		30
2-Hexanone	78		91		70-130	15		30
Bromochloromethane	97		92		70-130	5		30
1,2-Dibromoethane	95		100		70-130	5		30
n-Butylbenzene	120		102		70-130	16		30
sec-Butylbenzene	115		99		70-130	15		30
1,2-Dibromo-3-chloropropane	76		93		68-130	20		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419226

Report Date: 04/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG1907585-3 WG1907585-4								
Isopropylbenzene	111		96		70-130	14		30
p-Isopropyltoluene	117		102		70-130	14		30
n-Propylbenzene	114		99		70-130	14		30
1,2,3-Trichlorobenzene	102		104		70-130	2		30
1,2,4-Trichlorobenzene	111		108		70-130	3		30
1,3,5-Trimethylbenzene	113		101		70-130	11		30
1,2,4-Trimethylbenzene	115		101		70-130	13		30
Methyl Acetate	78		94		51-146	19		30
Cyclohexane	107		90		59-142	17		30
1,4-Dioxane	68		91		65-136	29		30
Freon-113	106		90		50-139	16		30
Methyl cyclohexane	108		92		70-130	16		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		98		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	103		101		70-130
Dibromofluoromethane	101		101		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419226
Report Date: 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-01
Client ID: HL 1+2 B-1 12.5
Sample Location: BUFFALO, NY

Date Collected: 04/09/24 13:45
Date Received: 04/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/11/24 05:44
Analyst: LJG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 04/10/24 13:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-01 Date Collected: 04/09/24 13:45

Client ID: HL 1+2 B-1 12.5 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-01 Date Collected: 04/09/24 13:45

Client ID: HL 1+2 B-1 12.5 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	100		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	94		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419226
Report Date: 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-02
Client ID: HL 1+2 NW-1 8-10
Sample Location: BUFFALO, NY

Date Collected: 04/09/24 14:00
Date Received: 04/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/11/24 05:21
Analyst: LJG
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 04/10/24 13:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-02 Date Collected: 04/09/24 14:00

Client ID: HL 1+2 NW-1 8-10 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-02 Date Collected: 04/09/24 14:00

Client ID: HL 1+2 NW-1 8-10 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	76		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419226
Report Date: 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-03
Client ID: HL 1+2 SW-1 8-10
Sample Location: BUFFALO, NY

Date Collected: 04/09/24 14:05
Date Received: 04/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/11/24 04:57
Analyst: LJG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/10/24 13:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-03 Date Collected: 04/09/24 14:05

Client ID: HL 1+2 SW-1 8-10 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-03 Date Collected: 04/09/24 14:05

Client ID: HL 1+2 SW-1 8-10 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	71		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419226
Report Date: 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-04
Client ID: HL 1+2 EW-1 8-10
Sample Location: BUFFALO, NY

Date Collected: 04/09/24 13:50
Date Received: 04/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/11/24 04:34
Analyst: LJG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 04/10/24 13:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	600		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-04 Date Collected: 04/09/24 13:50

Client ID: HL 1+2 EW-1 8-10 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	500		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-04 Date Collected: 04/09/24 13:50

Client ID: HL 1+2 EW-1 8-10 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
Tentatively Identified Compounds						
Total TIC Compounds	3920	J	ug/kg			1
Unknown Benzene	333	J	ug/kg			1
Benzene, Propyl-	186	NJ	ug/kg			1
Indane	299	NJ	ug/kg			1
Unknown Benzene	1620	J	ug/kg			1
Unknown Benzene	682	J	ug/kg			1
Unknown Benzene	165	J	ug/kg			1
Unknown Benzene	289	J	ug/kg			1
Unknown Benzene	179	J	ug/kg			1
Unknown Benzene	166	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	75		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419226
Report Date: 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-05
Client ID: HL 1+2 WW-1 8-10
Sample Location: BUFFALO, NY

Date Collected: 04/09/24 13:55
Date Received: 04/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/11/24 04:10
Analyst: LJG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/10/24 13:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-05 Date Collected: 04/09/24 13:55

Client ID: HL 1+2 WW-1 8-10 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-05 Date Collected: 04/09/24 13:55

Client ID: HL 1+2 WW-1 8-10 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	66		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419226
Report Date: 04/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/11/24 01:01
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 04/10/24 12:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1907031-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419226
Report Date: 04/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/11/24 01:01
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 04/10/24 12:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1907031-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419226
Report Date: 04/11/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/11/24 01:01
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 04/10/24 12:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1907031-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	102		10-136
4-Terphenyl-d14	105		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419226

Report Date: 04/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1907031-2 WG1907031-3								
Acenaphthene	71		70		31-137	1		50
Hexachlorobenzene	73		71		40-140	3		50
Bis(2-chloroethyl)ether	69		66		40-140	4		50
2-Chloronaphthalene	72		69		40-140	4		50
3,3'-Dichlorobenzidine	61		62		40-140	2		50
2,4-Dinitrotoluene	76		75		40-132	1		50
2,6-Dinitrotoluene	75		74		40-140	1		50
Fluoranthene	78		77		40-140	1		50
4-Chlorophenyl phenyl ether	74		73		40-140	1		50
4-Bromophenyl phenyl ether	75		72		40-140	4		50
Bis(2-chloroisopropyl)ether	70		67		40-140	4		50
Bis(2-chloroethoxy)methane	74		71		40-117	4		50
Hexachlorobutadiene	71		67		40-140	6		50
Hexachlorocyclopentadiene	63		60		40-140	5		50
Hexachloroethane	67		64		40-140	5		50
Isophorone	73		70		40-140	4		50
Naphthalene	71		68		40-140	4		50
Nitrobenzene	72		70		40-140	3		50
NDPA/DPA	73		72		36-157	1		50
n-Nitrosodi-n-propylamine	72		70		32-121	3		50
Bis(2-ethylhexyl)phthalate	69		67		40-140	3		50
Butyl benzyl phthalate	79		78		40-140	1		50
Di-n-butylphthalate	86		83		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419226

Report Date: 04/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1907031-2 WG1907031-3								
Di-n-octylphthalate	69		67		40-140	3		50
Diethyl phthalate	74		73		40-140	1		50
Dimethyl phthalate	74		73		40-140	1		50
Benzo(a)anthracene	74		72		40-140	3		50
Benzo(a)pyrene	76		76		40-140	0		50
Benzo(b)fluoranthene	76		74		40-140	3		50
Benzo(k)fluoranthene	72		70		40-140	3		50
Chrysene	72		69		40-140	4		50
Acenaphthylene	75		72		40-140	4		50
Anthracene	79		76		40-140	4		50
Benzo(ghi)perylene	76		76		40-140	0		50
Fluorene	74		72		40-140	3		50
Phenanthrene	75		73		40-140	3		50
Dibenzo(a,h)anthracene	78		76		40-140	3		50
Indeno(1,2,3-cd)pyrene	77		76		40-140	1		50
Pyrene	77		77		35-142	0		50
Biphenyl	65		63		37-127	3		50
4-Chloroaniline	59		57		40-140	3		50
2-Nitroaniline	75		75		47-134	0		50
3-Nitroaniline	65		65		26-129	0		50
4-Nitroaniline	71		71		41-125	0		50
Dibenzofuran	74		71		40-140	4		50
2-Methylnaphthalene	74		70		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419226

Report Date: 04/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1907031-2 WG1907031-3								
1,2,4,5-Tetrachlorobenzene	65		62		40-117	5		50
Acetophenone	68		66		14-144	3		50
2,4,6-Trichlorophenol	77		76		30-130	1		50
p-Chloro-m-cresol	79		77		26-103	3		50
2-Chlorophenol	73		71		25-102	3		50
2,4-Dichlorophenol	77		73		30-130	5		50
2,4-Dimethylphenol	70		68		30-130	3		50
2-Nitrophenol	72		68		30-130	6		50
4-Nitrophenol	78		77		11-114	1		50
2,4-Dinitrophenol	48		51		4-130	6		50
4,6-Dinitro-o-cresol	67		67		10-130	0		50
Pentachlorophenol	70		70		17-109	0		50
Phenol	74		72		26-90	3		50
2-Methylphenol	78		74		30-130.	5		50
3-Methylphenol/4-Methylphenol	76		73		30-130	4		50
2,4,5-Trichlorophenol	79		79		30-130	0		50
Carbazole	77		74		54-128	4		50
Atrazine	71		68		40-140	4		50
Benzaldehyde	58		56		40-140	4		50
Caprolactam	70		70		15-130	0		50
2,3,4,6-Tetrachlorophenol	78		78		40-140	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419226

Report Date: 04/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1907031-2 WG1907031-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		71		25-120
Phenol-d6	78		74		10-120
Nitrobenzene-d5	71		69		23-120
2-Fluorobiphenyl	74		71		30-120
2,4,6-Tribromophenol	80		77		10-136
4-Terphenyl-d14	78		77		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419226
Report Date: 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-01
Client ID: HL 1+2 B-1 12.5
Sample Location: BUFFALO, NY
Date Collected: 04/09/24 13:45
Date Received: 04/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6320		mg/kg	18.2	4.93	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	9.12	0.693	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.87		mg/kg	1.82	0.380	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Barium, Total	64.5		mg/kg	1.82	0.318	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.299	J	mg/kg	0.912	0.060	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	1.82	0.179	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Calcium, Total	69800		mg/kg	18.2	6.39	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Chromium, Total	10.8		mg/kg	1.82	0.175	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.49		mg/kg	3.65	0.303	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Copper, Total	13.9		mg/kg	1.82	0.471	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Iron, Total	13700		mg/kg	9.12	1.65	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Lead, Total	13.1		mg/kg	9.12	0.489	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Magnesium, Total	29300		mg/kg	18.2	2.81	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Manganese, Total	412		mg/kg	1.82	0.290	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.048	1	04/10/24 08:35	04/10/24 11:39	EPA 7471B	1,7471B	MJR
Nickel, Total	12.6		mg/kg	4.56	0.442	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Potassium, Total	1240		mg/kg	456	26.3	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	3.65	0.471	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.912	0.516	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Sodium, Total	197	J	mg/kg	365	5.75	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	3.65	0.575	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Vanadium, Total	17.0		mg/kg	1.82	0.370	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF
Zinc, Total	62.7		mg/kg	9.12	0.535	4	04/10/24 08:10	04/10/24 12:11	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419226
Report Date: 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-02
Client ID: HL 1+2 NW-1 8-10
Sample Location: BUFFALO, NY
Date Collected: 04/09/24 14:00
Date Received: 04/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7270		mg/kg	18.6	5.01	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	9.28	0.706	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.26		mg/kg	1.86	0.386	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Barium, Total	81.8		mg/kg	1.86	0.323	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.349	J	mg/kg	0.928	0.061	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	1.86	0.182	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Calcium, Total	74400		mg/kg	18.6	6.50	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Chromium, Total	12.0		mg/kg	1.86	0.178	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.96		mg/kg	3.71	0.308	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Copper, Total	14.6		mg/kg	1.86	0.479	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Iron, Total	15600		mg/kg	9.28	1.68	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Lead, Total	13.7		mg/kg	9.28	0.498	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Magnesium, Total	29500		mg/kg	18.6	2.86	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Manganese, Total	451		mg/kg	1.86	0.295	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.076	0.050	1	04/10/24 08:35	04/10/24 11:42	EPA 7471B	1,7471B	MJR
Nickel, Total	14.0		mg/kg	4.64	0.449	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Potassium, Total	1370		mg/kg	464	26.7	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	3.71	0.479	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.928	0.526	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Sodium, Total	194	J	mg/kg	371	5.85	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	3.71	0.585	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Vanadium, Total	18.2		mg/kg	1.86	0.377	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF
Zinc, Total	64.7		mg/kg	9.28	0.544	4	04/10/24 08:10	04/10/24 11:53	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419226
Report Date: 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-03
Client ID: HL 1+2 SW-1 8-10
Sample Location: BUFFALO, NY
Date Collected: 04/09/24 14:05
Date Received: 04/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9730		mg/kg	17.8	4.81	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	8.90	0.677	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Arsenic, Total	5.03		mg/kg	1.78	0.370	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Barium, Total	100		mg/kg	1.78	0.310	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.474	J	mg/kg	0.890	0.059	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	1.78	0.174	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Calcium, Total	76300		mg/kg	17.8	6.23	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Chromium, Total	15.2		mg/kg	1.78	0.171	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Cobalt, Total	7.99		mg/kg	3.56	0.296	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Copper, Total	17.4		mg/kg	1.78	0.459	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Iron, Total	19700		mg/kg	8.90	1.61	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Lead, Total	13.6		mg/kg	8.90	0.477	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Magnesium, Total	28000		mg/kg	17.8	2.74	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Manganese, Total	514		mg/kg	1.78	0.283	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.073	0.048	1	04/10/24 08:35	04/10/24 11:45	EPA 7471B	1,7471B	MJR
Nickel, Total	18.7		mg/kg	4.45	0.431	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Potassium, Total	1710		mg/kg	445	25.6	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	3.56	0.459	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.890	0.504	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Sodium, Total	211	J	mg/kg	356	5.61	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	3.56	0.561	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Vanadium, Total	21.7		mg/kg	1.78	0.361	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF
Zinc, Total	67.0		mg/kg	8.90	0.522	4	04/10/24 08:10	04/10/24 11:57	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-04 Date Collected: 04/09/24 13:50

Client ID: HL 1+2 EW-1 8-10 Date Received: 04/09/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8440		mg/kg	18.8	5.07	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Antimony, Total	0.976	J	mg/kg	9.39	0.714	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Arsenic, Total	6.61		mg/kg	1.88	0.391	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Barium, Total	87.8		mg/kg	1.88	0.327	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.413	J	mg/kg	0.939	0.062	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	1.88	0.184	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Calcium, Total	79800		mg/kg	18.8	6.57	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Chromium, Total	13.3		mg/kg	1.88	0.180	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.50		mg/kg	3.76	0.312	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Copper, Total	15.6		mg/kg	1.88	0.485	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Iron, Total	17700		mg/kg	9.39	1.70	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Lead, Total	14.6		mg/kg	9.39	0.503	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Magnesium, Total	31400		mg/kg	18.8	2.89	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Manganese, Total	444		mg/kg	1.88	0.299	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.078	0.051	1	04/10/24 08:35	04/10/24 11:48	EPA 7471B	1,7471B	MJR
Nickel, Total	15.7		mg/kg	4.70	0.454	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Potassium, Total	1580		mg/kg	470	27.0	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	3.76	0.485	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.939	0.532	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Sodium, Total	216	J	mg/kg	376	5.92	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	3.76	0.592	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Vanadium, Total	19.9		mg/kg	1.88	0.381	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF
Zinc, Total	61.5		mg/kg	9.39	0.550	4	04/10/24 08:10	04/10/24 12:02	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419226
Report Date: 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-05
Client ID: HL 1+2 WW-1 8-10
Sample Location: BUFFALO, NY
Date Collected: 04/09/24 13:55
Date Received: 04/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7240		mg/kg	17.8	4.79	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	8.88	0.674	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.85		mg/kg	1.78	0.369	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Barium, Total	69.4		mg/kg	1.78	0.309	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.359	J	mg/kg	0.888	0.059	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	1.78	0.174	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Calcium, Total	73500		mg/kg	17.8	6.21	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Chromium, Total	11.8		mg/kg	1.78	0.170	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.89		mg/kg	3.55	0.295	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Copper, Total	14.0		mg/kg	1.78	0.458	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Iron, Total	15300		mg/kg	8.88	1.60	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Lead, Total	13.3		mg/kg	8.88	0.476	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Magnesium, Total	28800		mg/kg	17.8	2.73	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Manganese, Total	442		mg/kg	1.78	0.282	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.048	1	04/10/24 08:35	04/10/24 11:52	EPA 7471B	1,7471B	MJR
Nickel, Total	13.7		mg/kg	4.44	0.430	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Potassium, Total	1350		mg/kg	444	25.6	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	3.55	0.458	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.888	0.502	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Sodium, Total	193	J	mg/kg	355	5.59	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	3.55	0.559	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Vanadium, Total	18.2		mg/kg	1.78	0.360	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF
Zinc, Total	65.0		mg/kg	8.88	0.520	4	04/10/24 08:10	04/10/24 12:06	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419226

Project Number: 4461.0001B002 **Report Date:** 04/11/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1906738-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	0.152	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Calcium, Total	1.48	J	mg/kg	4.00	1.40	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.066	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Copper, Total	0.127	J	mg/kg	0.400	0.103	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Iron, Total	0.488	J	mg/kg	2.00	0.361	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Sodium, Total	2.98	J	mg/kg	80.0	1.26	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF
Zinc, Total	0.302	J	mg/kg	2.00	0.117	1	04/10/24 08:10	04/10/24 10:52	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1906739-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/10/24 08:35	04/10/24 11:15	1,7471B	MJR

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419226
Report Date: 04/11/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419226

Report Date: 04/11/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1906738-2								
Aluminum, Total	102		-		80-120	-		
Antimony, Total	106		-		80-120	-		
Arsenic, Total	102		-		80-120	-		
Barium, Total	103		-		80-120	-		
Beryllium, Total	105		-		80-120	-		
Cadmium, Total	101		-		80-120	-		
Calcium, Total	103		-		80-120	-		
Chromium, Total	103		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	103		-		80-120	-		
Iron, Total	108		-		80-120	-		
Lead, Total	102		-		80-120	-		
Magnesium, Total	101		-		80-120	-		
Manganese, Total	104		-		80-120	-		
Nickel, Total	104		-		80-120	-		
Potassium, Total	106		-		80-120	-		
Selenium, Total	96		-		80-120	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	99		-		80-120	-		
Vanadium, Total	105		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419226

Report Date: 04/11/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1906738-2					
Zinc, Total	103	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1906739-2					
Mercury, Total	96	-	72-128	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419226
Report Date: 04/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1906738-3 QC Sample: L2419226-01 Client ID: HL 1+2 B-1 12.5												
Aluminum, Total	6320	177	7670	**761**	Q	-	-		75-125	-		20
Antimony, Total	ND	44.3	41.8	94		-	-		75-125	-		20
Arsenic, Total	2.87	10.6	14.0	104		-	-		75-125	-		20
Barium, Total	64.5	177	253	106		-	-		75-125	-		20
Beryllium, Total	0.299J	4.43	4.92	111		-	-		75-125	-		20
Cadmium, Total	ND	4.7	4.32	92		-	-		75-125	-		20
Calcium, Total	69800	887	75100	**598**	Q	-	-		75-125	-		20
Chromium, Total	10.8	17.7	29.0	102		-	-		75-125	-		20
Cobalt, Total	5.49	44.3	47.3	94		-	-		75-125	-		20
Copper, Total	13.9	22.2	37.0	104		-	-		75-125	-		20
Iron, Total	13700	88.7	14900	**1350**	Q	-	-		75-125	-		20
Lead, Total	13.1	47	60.9	102		-	-		75-125	-		20
Magnesium, Total	29300	887	30700	**158**	Q	-	-		75-125	-		20
Manganese, Total	412	44.3	483	**160**	Q	-	-		75-125	-		20
Nickel, Total	12.6	44.3	55.0	96		-	-		75-125	-		20
Potassium, Total	1240	887	2540	**146**	Q	-	-		75-125	-		20
Selenium, Total	ND	10.6	9.76	92		-	-		75-125	-		20
Silver, Total	ND	4.43	4.79	108		-	-		75-125	-		20
Sodium, Total	197J	887	1180	**133**	Q	-	-		75-125	-		20
Thallium, Total	ND	10.6	9.99	94		-	-		75-125	-		20
Vanadium, Total	17.0	44.3	63.6	105		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419226
Report Date: 04/11/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1906738-3 QC Sample: L2419226-01 Client ID: HL 1+2 B-1 12.5									
Zinc, Total	62.7	44.3	104	93	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1906739-3 QC Sample: L2419277-01 Client ID: MS Sample									
Mercury, Total	ND	1.44	1.40	97	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419226
Report Date: 04/11/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1906738-4 QC Sample: L2419226-01 Client ID: HL 1+2 B-1 12.5						
Aluminum, Total	6320	6530	mg/kg	3		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	2.87	3.00	mg/kg	4		20
Barium, Total	64.5	65.9	mg/kg	2		20
Beryllium, Total	0.299J	0.319J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	69800	71700	mg/kg	3		20
Chromium, Total	10.8	10.6	mg/kg	2		20
Cobalt, Total	5.49	5.37	mg/kg	2		20
Copper, Total	13.9	14.0	mg/kg	1		20
Iron, Total	13700	14200	mg/kg	4		20
Lead, Total	13.1	12.9	mg/kg	2		20
Magnesium, Total	29300	28600	mg/kg	2		20
Manganese, Total	412	423	mg/kg	3		20
Nickel, Total	12.6	12.5	mg/kg	1		20
Potassium, Total	1240	1270	mg/kg	2		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	197J	201J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419226

Report Date: 04/11/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1906738-4 QC Sample: L2419226-01 Client ID: HL 1+2 B-1 12.5					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	17.0	16.8	mg/kg	1	20
Zinc, Total	62.7	62.2	mg/kg	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1906739-4 QC Sample: L2419277-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/kg	NC	20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2419226
Report Date: 04/11/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1906738-6 QC Sample: L2419226-01 Client ID: HL 1+2 B-1 12.5						
Aluminum, Total	6320	6440	mg/kg	2		20
Barium, Total	64.5	67.4	mg/kg	4		20
Calcium, Total	69800	74800	mg/kg	7		20
Iron, Total	13700	14800	mg/kg	8		20
Magnesium, Total	29300	29200	mg/kg	0		20
Manganese, Total	412	439	mg/kg	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419226
Report Date: 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-01
Client ID: HL 1+2 B-1 12.5
Sample Location: BUFFALO, NY

Date Collected: 04/09/24 13:45
Date Received: 04/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	04/10/24 07:12	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419226
Report Date: 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-02
Client ID: HL 1+2 NW-1 8-10
Sample Location: BUFFALO, NY

Date Collected: 04/09/24 14:00
Date Received: 04/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	04/10/24 07:12	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419226
Report Date: 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-03
Client ID: HL 1+2 SW-1 8-10
Sample Location: BUFFALO, NY

Date Collected: 04/09/24 14:05
Date Received: 04/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	04/10/24 07:12	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419226
Report Date: 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-04
Client ID: HL 1+2 EW-1 8-10
Sample Location: BUFFALO, NY

Date Collected: 04/09/24 13:50
Date Received: 04/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.9		%	0.100	NA	1	-	04/10/24 07:12	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419226
Report Date: 04/11/24

SAMPLE RESULTS

Lab ID: L2419226-05
Client ID: HL 1+2 WW-1 8-10
Sample Location: BUFFALO, NY

Date Collected: 04/09/24 13:55
Date Received: 04/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	04/10/24 07:12	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419226

Report Date: 04/11/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1906786-1 QC Sample: L2419226-01 Client ID: HL 1+2 B-1 12.5						
Solids, Total	84.9	84.8	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419226
Report Date: 04/11/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2419226-01A	Glass 120ml/4oz unpreserved	A	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2419226-01B	Vial Large Septa unpreserved (4oz)	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2419226-01C	Vial Large Septa unpreserved (4oz)	A	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)
L2419226-01X	Vial MeOH preserved split	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2419226-01Y	Vial Water preserved split	A	NA		2.5	Y	Absent	10-APR-24 07:42	NYTCL-8260-R2(14)
L2419226-01Z	Vial Water preserved split	A	NA		2.5	Y	Absent	10-APR-24 07:42	NYTCL-8260-R2(14)
L2419226-02A	Glass 120ml/4oz unpreserved	A	NA		2.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2419226-02B	Vial Large Septa unpreserved (4oz)	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2419226-02C	Vial Large Septa unpreserved (4oz)	A	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)
L2419226-02X	Vial MeOH preserved split	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2419226-02Y	Vial Water preserved split	A	NA		2.5	Y	Absent	10-APR-24 07:42	NYTCL-8260-R2(14)
L2419226-02Z	Vial Water preserved split	A	NA		2.5	Y	Absent	10-APR-24 07:42	NYTCL-8260-R2(14)
L2419226-03A	Glass 120ml/4oz unpreserved	A	NA		2.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2419226-03B	Vial Large Septa unpreserved (4oz)	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2419226-03C	Vial Large Septa unpreserved (4oz)	A	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)
L2419226-03X	Vial MeOH preserved split	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419226
Report Date: 04/11/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2419226-03Y	Vial Water preserved split	A	NA		2.5	Y	Absent	10-APR-24 07:42	NYTCL-8260-R2(14)
L2419226-03Z	Vial Water preserved split	A	NA		2.5	Y	Absent	10-APR-24 07:42	NYTCL-8260-R2(14)
L2419226-04A	Glass 120ml/4oz unpreserved	A	NA		2.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2419226-04B	Vial Large Septa unpreserved (4oz)	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2419226-04C	Vial Large Septa unpreserved (4oz)	A	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)
L2419226-04X	Vial MeOH preserved split	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2419226-04Y	Vial Water preserved split	A	NA		2.5	Y	Absent	10-APR-24 07:42	NYTCL-8260-R2(14)
L2419226-04Z	Vial Water preserved split	A	NA		2.5	Y	Absent	10-APR-24 07:42	NYTCL-8260-R2(14)
L2419226-05A	Glass 120ml/4oz unpreserved	A	NA		2.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2419226-05B	Vial Large Septa unpreserved (4oz)	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2419226-05C	Vial Large Septa unpreserved (4oz)	A	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7)
L2419226-05X	Vial MeOH preserved split	A	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2419226-05Y	Vial Water preserved split	A	NA		2.5	Y	Absent	10-APR-24 07:42	NYTCL-8260-R2(14)
L2419226-05Z	Vial Water preserved split	A	NA		2.5	Y	Absent	10-APR-24 07:42	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419226
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GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419226
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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

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Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419226
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REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 4/10/24

ALPHA Job #: L2419226

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY, 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☒ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL +CP-51 SVOCs + TICs	TCL SVOCs + TICs	Total Metals + Hg	Total # Bottles	Sample Specific Comments
19226-01	HL 1+2 B-1 12.5	4-9-24	1345	Soil	CEH	X	X	X		
-02	HL 1+2 NW-1 8-10	↓	1400	↓	↓	X	X	X		
-03	HL 1+2 SW-1 8-10		1405			X	X	X		
-04	HL 1+2 EW-1 8-10		1350			X	X	X		
-05	HL 1+2 WW-1 8-10	↓	1355	↓	↓	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type										
Preservative										

Relinquished By:	Date/Time	Received By:	Date/Time
Dester Harbeiter	4-9-24/1520	[signature]	4/9/24 1520
[signature]	4/9/24 1820	[signature]	4/10/24 0110

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2419646
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	04/12/24

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

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

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419646
Report Date: 04/12/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2419646-01	NC B-1 5.5	SOIL	BUFFALO, NY	04/10/24 09:30	04/10/24
L2419646-02	NC B-2 5.5	SOIL	BUFFALO, NY	04/10/24 09:35	04/10/24
L2419646-03	NC B-3 5.5	SOIL	BUFFALO, NY	04/10/24 09:40	04/10/24
L2419646-04	NC B-4 5.5	SOIL	BUFFALO, NY	04/10/24 09:45	04/10/24
L2419646-05	NC B-5 4	SOIL	BUFFALO, NY	04/10/24 14:40	04/10/24
L2419646-06	NC B-6 4	SOIL	BUFFALO, NY	04/10/24 14:45	04/10/24
L2419646-07	NC EW-1 3-4	SOIL	BUFFALO, NY	04/10/24 09:50	04/10/24
L2419646-08	NC EW-2 3-4	SOIL	BUFFALO, NY	04/10/24 09:55	04/10/24
L2419646-09	NC SW-1 3-4	SOIL	BUFFALO, NY	04/10/24 10:00	04/10/24
L2419646-10	NC SW-2 3-4	SOIL	BUFFALO, NY	04/10/24 10:05	04/10/24
L2419646-11	NC SW-3 2-3	SOIL	BUFFALO, NY	04/10/24 14:50	04/10/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419646
Project Number:	4461.0001B002	**Report Date:**	04/12/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419646
Project Number:	4461.0001B002	**Report Date:**	04/12/24

Case Narrative (continued)

Report Submission

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

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

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 04/12/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-01
Client ID: NC B-1 5.5
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 09:30
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/11/24 15:20
Analyst: MRG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 04/11/24 07:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-01 Date Collected: 04/10/24 09:30
Client ID: NC B-1 5.5 Date Received: 04/10/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-01 Date Collected: 04/10/24 09:30

Client ID: NC B-1 5.5 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	38.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	46		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	73		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-02
Client ID: NC B-2 5.5
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 09:35
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/11/24 15:44
Analyst: MRG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 04/11/24 07:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-02 Date Collected: 04/10/24 09:35

Client ID: NC B-2 5.5 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-02 Date Collected: 04/10/24 09:35

Client ID: NC B-2 5.5 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	99		25-120
Phenol-d6	100		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	71		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-03
Client ID: NC B-3 5.5
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 09:40
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/11/24 16:07
Analyst: MRG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/11/24 07:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-03 Date Collected: 04/10/24 09:40

Client ID: NC B-3 5.5 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	31.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-03 Date Collected: 04/10/24 09:40

Client ID: NC B-3 5.5 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	95		25-120
Phenol-d6	97		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	70		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-04
Client ID: NC B-4 5.5
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 09:45
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/11/24 16:30
Analyst: MRG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/11/24 07:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-04 Date Collected: 04/10/24 09:45

Client ID: NC B-4 5.5 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-04 Date Collected: 04/10/24 09:45

Client ID: NC B-4 5.5 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	39.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	74		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-05
Client ID: NC B-5 4
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 14:40
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/11/24 16:54
Analyst: MRG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 04/11/24 07:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-05 Date Collected: 04/10/24 14:40

Client ID: NC B-5 4 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-05 Date Collected: 04/10/24 14:40

Client ID: NC B-5 4 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	64		18-120

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-06
Client ID: NC B-6 4
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 14:45
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/11/24 17:17
Analyst: MRG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 04/11/24 07:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-06 Date Collected: 04/10/24 14:45

Client ID: NC B-6 4 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-06 Date Collected: 04/10/24 14:45

Client ID: NC B-6 4 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	55		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-07
Client ID: NC EW-1 3-4
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 09:50
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/11/24 17:41
Analyst: MRG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 04/11/24 07:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-07 Date Collected: 04/10/24 09:50

Client ID: NC EW-1 3-4 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Carbazole	ND		ug/kg	170	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	ND		ug/kg	230	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-07 Date Collected: 04/10/24 09:50

Client ID: NC EW-1 3-4 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	170	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	35.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	60		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-08
Client ID: NC EW-2 3-4
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 09:55
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/11/24 18:04
Analyst: MRG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 04/11/24 07:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	65	J	ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-08 Date Collected: 04/10/24 09:55

Client ID: NC EW-2 3-4 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-08 Date Collected: 04/10/24 09:55

Client ID: NC EW-2 3-4 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	45		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	48		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-09
Client ID: NC SW-1 3-4
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 10:00
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/11/24 18:27
Analyst: MRG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 04/11/24 07:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	25	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-09 Date Collected: 04/10/24 10:00

Client ID: NC SW-1 3-4 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	19	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Carbazole	ND		ug/kg	170	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	ND		ug/kg	230	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-09 Date Collected: 04/10/24 10:00

Client ID: NC SW-1 3-4 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	170	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	35.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	74		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-10
Client ID: NC SW-2 3-4
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 10:05
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/11/24 18:51
Analyst: MRG
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 04/11/24 07:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	35	J	ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	70.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-10 Date Collected: 04/10/24 10:05

Client ID: NC SW-2 3-4 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	29	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	25	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	40.	1
3-Nitroaniline	ND		ug/kg	200	39.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	980	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-10 Date Collected: 04/10/24 10:05

Client ID: NC SW-2 3-4 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	67		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-11
Client ID: NC SW-3 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 14:50
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/11/24 19:14
Analyst: MRG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 04/11/24 07:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	55.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	70.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-11 Date Collected: 04/10/24 14:50

Client ID: NC SW-3 2-3 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	40.	1
3-Nitroaniline	ND		ug/kg	200	39.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	31.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	99.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	56.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-11 Date Collected: 04/10/24 14:50

Client ID: NC SW-3 2-3 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	42.	1
Tentatively Identified Compounds						
Total TIC Compounds	221	J	ug/kg			1
Unknown	221	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	66		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419646
Report Date: 04/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/11/24 14:10
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 04/11/24 07:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1907344-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419646
Report Date: 04/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/11/24 14:10
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 04/11/24 07:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1907344-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419646
Report Date: 04/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/11/24 14:10
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 04/11/24 07:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1907344-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	73		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419646

Report Date: 04/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1907344-2 WG1907344-3								
Acenaphthene	70		74		31-137	6		50
Hexachlorobenzene	70		72		40-140	3		50
Bis(2-chloroethyl)ether	78		82		40-140	5		50
2-Chloronaphthalene	62		64		40-140	3		50
3,3'-Dichlorobenzidine	61		64		40-140	5		50
2,4-Dinitrotoluene	70		71		40-132	1		50
2,6-Dinitrotoluene	73		74		40-140	1		50
Fluoranthene	74		75		40-140	1		50
4-Chlorophenyl phenyl ether	67		70		40-140	4		50
4-Bromophenyl phenyl ether	69		72		40-140	4		50
Bis(2-chloroisopropyl)ether	78		82		40-140	5		50
Bis(2-chloroethoxy)methane	80		83		40-117	4		50
Hexachlorobutadiene	63		65		40-140	3		50
Hexachlorocyclopentadiene	49		51		40-140	4		50
Hexachloroethane	74		77		40-140	4		50
Isophorone	78		82		40-140	5		50
Naphthalene	67		71		40-140	6		50
Nitrobenzene	83		88		40-140	6		50
NDPA/DPA	68		71		36-157	4		50
n-Nitrosodi-n-propylamine	79		83		32-121	5		50
Bis(2-ethylhexyl)phthalate	72		71		40-140	1		50
Butyl benzyl phthalate	87		86		40-140	1		50
Di-n-butylphthalate	87		86		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419646

Report Date: 04/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1907344-2 WG1907344-3								
Di-n-octylphthalate	74		73		40-140	1		50
Diethyl phthalate	73		76		40-140	4		50
Dimethyl phthalate	63		63		40-140	0		50
Benzo(a)anthracene	72		72		40-140	0		50
Benzo(a)pyrene	77		78		40-140	1		50
Benzo(b)fluoranthene	77		77		40-140	0		50
Benzo(k)fluoranthene	71		72		40-140	1		50
Chrysene	70		72		40-140	3		50
Acenaphthylene	64		65		40-140	2		50
Anthracene	72		74		40-140	3		50
Benzo(ghi)perylene	73		76		40-140	4		50
Fluorene	67		71		40-140	6		50
Phenanthrene	69		70		40-140	1		50
Dibenzo(a,h)anthracene	73		77		40-140	5		50
Indeno(1,2,3-cd)pyrene	76		79		40-140	4		50
Pyrene	74		74		35-142	0		50
Biphenyl	62		63		37-127	2		50
4-Chloroaniline	70		72		40-140	3		50
2-Nitroaniline	80		81		47-134	1		50
3-Nitroaniline	72		76		26-129	5		50
4-Nitroaniline	82		85		41-125	4		50
Dibenzofuran	66		69		40-140	4		50
2-Methylnaphthalene	65		68		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419646

Report Date: 04/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1907344-2 WG1907344-3								
1,2,4,5-Tetrachlorobenzene	60		63		40-117	5		50
Acetophenone	79		84		14-144	6		50
2,4,6-Trichlorophenol	68		69		30-130	1		50
p-Chloro-m-cresol	80		81		26-103	1		50
2-Chlorophenol	81		85		25-102	5		50
2,4-Dichlorophenol	73		75		30-130	3		50
2,4-Dimethylphenol	97		100		30-130	3		50
2-Nitrophenol	91		95		30-130	4		50
4-Nitrophenol	93		94		11-114	1		50
2,4-Dinitrophenol	67		70		4-130	4		50
4,6-Dinitro-o-cresol	78		81		10-130	4		50
Pentachlorophenol	65		67		17-109	3		50
Phenol	76		80		26-90	5		50
2-Methylphenol	84		86		30-130.	2		50
3-Methylphenol/4-Methylphenol	89		94		30-130	5		50
2,4,5-Trichlorophenol	66		68		30-130	3		50
Carbazole	74		76		54-128	3		50
Atrazine	76		78		40-140	3		50
Benzaldehyde	71		76		40-140	7		50
Caprolactam	91		92		15-130	1		50
2,3,4,6-Tetrachlorophenol	74		77		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419646

Report Date: 04/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1907344-2 WG1907344-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		86		25-120
Phenol-d6	83		86		10-120
Nitrobenzene-d5	81		87		23-120
2-Fluorobiphenyl	60		62		30-120
2,4,6-Tribromophenol	74		77		10-136
4-Terphenyl-d14	73		74		18-120

METALS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-01 Date Collected: 04/10/24 09:30

Client ID: NC B-1 5.5 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.88		mg/kg	0.886	0.184	2	04/11/24 08:20	04/11/24 13:21	EPA 3050B	1,6010D	JMF
Barium, Total	78.9		mg/kg	0.886	0.154	2	04/11/24 08:20	04/11/24 13:21	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.886	0.087	2	04/11/24 08:20	04/11/24 13:21	EPA 3050B	1,6010D	JMF
Chromium, Total	13.2		mg/kg	0.886	0.085	2	04/11/24 08:20	04/11/24 13:21	EPA 3050B	1,6010D	JMF
Lead, Total	13.6		mg/kg	4.43	0.237	2	04/11/24 08:20	04/11/24 13:21	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.073	0.048	1	04/11/24 11:25	04/12/24 10:01	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.77	0.228	2	04/11/24 08:20	04/11/24 13:21	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.443	0.251	2	04/11/24 08:20	04/11/24 13:21	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-02
Client ID: NC B-2 5.5
Sample Location: BUFFALO, NY
Date Collected: 04/10/24 09:35
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.67		mg/kg	0.897	0.187	2	04/11/24 08:20	04/11/24 14:22	EPA 3050B	1,6010D	JMF
Barium, Total	91.8		mg/kg	0.897	0.156	2	04/11/24 08:20	04/11/24 14:22	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.091	J	mg/kg	0.897	0.088	2	04/11/24 08:20	04/11/24 14:22	EPA 3050B	1,6010D	JMF
Chromium, Total	14.6		mg/kg	0.897	0.086	2	04/11/24 08:20	04/11/24 14:22	EPA 3050B	1,6010D	JMF
Lead, Total	16.0		mg/kg	4.49	0.240	2	04/11/24 08:20	04/11/24 14:22	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.073	0.048	1	04/11/24 11:25	04/12/24 10:04	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.79	0.231	2	04/11/24 08:20	04/11/24 14:22	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.449	0.254	2	04/11/24 08:20	04/11/24 14:22	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-03
Client ID: NC B-3 5.5
Sample Location: BUFFALO, NY
Date Collected: 04/10/24 09:40
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.15		mg/kg	0.886	0.184	2	04/11/24 08:20	04/11/24 14:27	EPA 3050B	1,6010D	JMF
Barium, Total	90.2		mg/kg	0.886	0.154	2	04/11/24 08:20	04/11/24 14:27	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.886	0.087	2	04/11/24 08:20	04/11/24 14:27	EPA 3050B	1,6010D	JMF
Chromium, Total	14.8		mg/kg	0.886	0.085	2	04/11/24 08:20	04/11/24 14:27	EPA 3050B	1,6010D	JMF
Lead, Total	16.4		mg/kg	4.43	0.237	2	04/11/24 08:20	04/11/24 14:27	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.048	1	04/11/24 11:25	04/12/24 10:14	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.77	0.228	2	04/11/24 08:20	04/11/24 14:27	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.443	0.251	2	04/11/24 08:20	04/11/24 14:27	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-04
Client ID: NC B-4 5.5
Sample Location: BUFFALO, NY
Date Collected: 04/10/24 09:45
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.02		mg/kg	0.899	0.187	2	04/11/24 08:20	04/11/24 14:31	EPA 3050B	1,6010D	JMF
Barium, Total	87.9		mg/kg	0.899	0.156	2	04/11/24 08:20	04/11/24 14:31	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.899	0.088	2	04/11/24 08:20	04/11/24 14:31	EPA 3050B	1,6010D	JMF
Chromium, Total	13.3		mg/kg	0.899	0.086	2	04/11/24 08:20	04/11/24 14:31	EPA 3050B	1,6010D	JMF
Lead, Total	15.9		mg/kg	4.49	0.241	2	04/11/24 08:20	04/11/24 14:31	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.075	0.049	1	04/11/24 11:25	04/12/24 10:17	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.80	0.232	2	04/11/24 08:20	04/11/24 14:31	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.449	0.254	2	04/11/24 08:20	04/11/24 14:31	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-05
Client ID: NC B-5 4
Sample Location: BUFFALO, NY
Date Collected: 04/10/24 14:40
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.18		mg/kg	0.864	0.180	2	04/11/24 08:20	04/11/24 14:36	EPA 3050B	1,6010D	JMF
Barium, Total	103		mg/kg	0.864	0.150	2	04/11/24 08:20	04/11/24 14:36	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.864	0.085	2	04/11/24 08:20	04/11/24 14:36	EPA 3050B	1,6010D	JMF
Chromium, Total	14.8		mg/kg	0.864	0.083	2	04/11/24 08:20	04/11/24 14:36	EPA 3050B	1,6010D	JMF
Lead, Total	19.0		mg/kg	4.32	0.231	2	04/11/24 08:20	04/11/24 14:36	EPA 3050B	1,6010D	JMF
Mercury, Total	0.066	J	mg/kg	0.072	0.047	1	04/11/24 11:25	04/12/24 10:21	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.73	0.223	2	04/11/24 08:20	04/11/24 14:36	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.432	0.244	2	04/11/24 08:20	04/11/24 14:36	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Lab Number: L2419646
Project Number: 4461.0001B002
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-06
Client ID: NC B-6 4
Sample Location: BUFFALO, NY
Date Collected: 04/10/24 14:45
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.06		mg/kg	0.890	0.185	2	04/11/24 08:20	04/11/24 14:40	EPA 3050B	1,6010D	JMF
Barium, Total	144		mg/kg	0.890	0.155	2	04/11/24 08:20	04/11/24 14:40	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.890	0.087	2	04/11/24 08:20	04/11/24 14:40	EPA 3050B	1,6010D	JMF
Chromium, Total	16.0		mg/kg	0.890	0.086	2	04/11/24 08:20	04/11/24 14:40	EPA 3050B	1,6010D	JMF
Lead, Total	15.3		mg/kg	4.45	0.239	2	04/11/24 08:20	04/11/24 14:40	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.072	0.047	1	04/11/24 11:25	04/12/24 10:24	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.78	0.230	2	04/11/24 08:20	04/11/24 14:40	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.445	0.252	2	04/11/24 08:20	04/11/24 14:40	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Lab Number: L2419646
Project Number: 4461.0001B002
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-07
Client ID: NC EW-1 3-4
Sample Location: BUFFALO, NY
Date Collected: 04/10/24 09:50
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.46		mg/kg	0.839	0.175	2	04/11/24 08:20	04/11/24 14:57	EPA 3050B	1,6010D	JMF
Barium, Total	89.1		mg/kg	0.839	0.146	2	04/11/24 08:20	04/11/24 14:57	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.839	0.082	2	04/11/24 08:20	04/11/24 14:57	EPA 3050B	1,6010D	JMF
Chromium, Total	13.7		mg/kg	0.839	0.081	2	04/11/24 08:20	04/11/24 14:57	EPA 3050B	1,6010D	JMF
Lead, Total	15.0		mg/kg	4.20	0.225	2	04/11/24 08:20	04/11/24 14:57	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.069	0.045	1	04/11/24 11:25	04/12/24 10:27	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.68	0.216	2	04/11/24 08:20	04/11/24 14:57	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.420	0.238	2	04/11/24 08:20	04/11/24 14:57	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Lab Number: L2419646
Project Number: 4461.0001B002
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-08
Client ID: NC EW-2 3-4
Sample Location: BUFFALO, NY
Date Collected: 04/10/24 09:55
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.79		mg/kg	0.852	0.177	2	04/11/24 08:20	04/11/24 15:01	EPA 3050B	1,6010D	JMF
Barium, Total	92.7		mg/kg	0.852	0.148	2	04/11/24 08:20	04/11/24 15:01	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.852	0.084	2	04/11/24 08:20	04/11/24 15:01	EPA 3050B	1,6010D	JMF
Chromium, Total	14.2		mg/kg	0.852	0.082	2	04/11/24 08:20	04/11/24 15:01	EPA 3050B	1,6010D	JMF
Lead, Total	15.2		mg/kg	4.26	0.228	2	04/11/24 08:20	04/11/24 15:01	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.071	0.046	1	04/11/24 11:25	04/12/24 10:31	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.70	0.220	2	04/11/24 08:20	04/11/24 15:01	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.426	0.241	2	04/11/24 08:20	04/11/24 15:01	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-09
Client ID: NC SW-1 3-4
Sample Location: BUFFALO, NY
Date Collected: 04/10/24 10:00
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.08		mg/kg	0.807	0.168	2	04/11/24 08:20	04/11/24 15:06	EPA 3050B	1,6010D	JMF
Barium, Total	92.6		mg/kg	0.807	0.140	2	04/11/24 08:20	04/11/24 15:06	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.807	0.079	2	04/11/24 08:20	04/11/24 15:06	EPA 3050B	1,6010D	JMF
Chromium, Total	16.1		mg/kg	0.807	0.077	2	04/11/24 08:20	04/11/24 15:06	EPA 3050B	1,6010D	JMF
Lead, Total	15.0		mg/kg	4.03	0.216	2	04/11/24 08:20	04/11/24 15:06	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.068	0.044	1	04/11/24 11:25	04/12/24 10:34	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.61	0.208	2	04/11/24 08:20	04/11/24 15:06	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.403	0.228	2	04/11/24 08:20	04/11/24 15:06	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-10 Date Collected: 04/10/24 10:05

Client ID: NC SW-2 3-4 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	9.03		mg/kg	0.975	0.203	2	04/11/24 08:20	04/11/24 15:10	EPA 3050B	1,6010D	JMF
Barium, Total	160		mg/kg	0.975	0.170	2	04/11/24 08:20	04/11/24 15:10	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.975	0.096	2	04/11/24 08:20	04/11/24 15:10	EPA 3050B	1,6010D	JMF
Chromium, Total	24.7		mg/kg	0.975	0.094	2	04/11/24 08:20	04/11/24 15:10	EPA 3050B	1,6010D	JMF
Lead, Total	20.1		mg/kg	4.88	0.261	2	04/11/24 08:20	04/11/24 15:10	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.080	0.052	1	04/11/24 11:25	04/12/24 10:37	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.95	0.252	2	04/11/24 08:20	04/11/24 15:10	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.488	0.276	2	04/11/24 08:20	04/11/24 15:10	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-11 Date Collected: 04/10/24 14:50

Client ID: NC SW-3 2-3 Date Received: 04/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.35		mg/kg	0.975	0.203	2	04/11/24 08:20	04/11/24 15:15	EPA 3050B	1,6010D	JMF
Barium, Total	95.4		mg/kg	0.975	0.170	2	04/11/24 08:20	04/11/24 15:15	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.975	0.096	2	04/11/24 08:20	04/11/24 15:15	EPA 3050B	1,6010D	JMF
Chromium, Total	18.9		mg/kg	0.975	0.094	2	04/11/24 08:20	04/11/24 15:15	EPA 3050B	1,6010D	JMF
Lead, Total	23.7		mg/kg	4.87	0.261	2	04/11/24 08:20	04/11/24 15:15	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.079	0.052	1	04/11/24 11:25	04/12/24 10:41	EPA 7471B	1,7471B	MJR
Selenium, Total	0.332	J	mg/kg	1.95	0.252	2	04/11/24 08:20	04/11/24 15:15	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.487	0.276	2	04/11/24 08:20	04/11/24 15:15	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419646

Project Number: 4461.0001B002 **Report Date:** 04/12/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-11 Batch: WG1907275-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	04/11/24 08:20	04/11/24 13:07	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	04/11/24 08:20	04/11/24 13:07	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/11/24 08:20	04/11/24 13:07	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	04/11/24 08:20	04/11/24 13:07	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	04/11/24 08:20	04/11/24 13:07	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/11/24 08:20	04/11/24 13:07	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	04/11/24 08:20	04/11/24 13:07	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-11 Batch: WG1907281-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/11/24 11:25	04/12/24 09:25	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419646

Report Date: 04/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 Batch: WG1907275-2								
Arsenic, Total	107		-		80-120	-		
Barium, Total	113		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Chromium, Total	106		-		80-120	-		
Lead, Total	107		-		80-120	-		
Selenium, Total	107		-		80-120	-		
Silver, Total	106		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-11 Batch: WG1907281-2								
Mercury, Total	100		-		72-128	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419646
Report Date: 04/12/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1907275-3 QC Sample: L2419646-01 Client ID: NC B-1 5.5												
Arsenic, Total	3.88	10.3	15.4	112		-	-		75-125	-		20
Barium, Total	78.9	172	231	88		-	-		75-125	-		20
Cadmium, Total	ND	4.56	3.47	76		-	-		75-125	-		20
Chromium, Total	13.2	17.2	28.8	91		-	-		75-125	-		20
Lead, Total	13.6	45.6	58.6	99		-	-		75-125	-		20
Selenium, Total	ND	10.3	10.2	99		-	-		75-125	-		20
Silver, Total	ND	4.3	4.36	101		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1907281-3 QC Sample: L2419637-01 Client ID: MS Sample												
Mercury, Total	ND	1.5	1.49	99		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419646
Report Date: 04/12/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1907275-4 QC Sample: L2419646-01 Client ID: NC B-1 5.5						
Arsenic, Total	3.88	3.80	mg/kg	2		20
Barium, Total	78.9	82.7	mg/kg	5		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	13.2	13.3	mg/kg	1		20
Lead, Total	13.6	14.3	mg/kg	5		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1907281-4 QC Sample: L2419637-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2419646
Report Date: 04/12/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1907275-6 QC Sample: L2419646-01 Client ID: NC B-1 5.5						
Barium, Total	78.9	81.8	mg/kg	4		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-01
Client ID: NC B-1 5.5
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 09:30
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	04/11/24 06:23	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-02
Client ID: NC B-2 5.5
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 09:35
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.6		%	0.100	NA	1	-	04/11/24 06:23	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-03
Client ID: NC B-3 5.5
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 09:40
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	04/11/24 06:23	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-04
Client ID: NC B-4 5.5
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 09:45
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	04/11/24 06:23	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-05
Client ID: NC B-5 4
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 14:40
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	04/11/24 06:23	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-06
Client ID: NC B-6 4
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 14:45
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	04/11/24 06:23	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-07
Client ID: NC EW-1 3-4
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 09:50
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.7		%	0.100	NA	1	-	04/11/24 06:23	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-08
Client ID: NC EW-2 3-4
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 09:55
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.3		%	0.100	NA	1	-	04/11/24 06:23	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-09
Client ID: NC SW-1 3-4
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 10:00
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	04/11/24 06:23	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-10
Client ID: NC SW-2 3-4
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 10:05
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.9		%	0.100	NA	1	-	04/11/24 06:23	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419646
Report Date: 04/12/24

SAMPLE RESULTS

Lab ID: L2419646-11
Client ID: NC SW-3 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/10/24 14:50
Date Received: 04/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.9		%	0.100	NA	1	-	04/11/24 06:23	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419646

Report Date: 04/12/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1907292-1 QC Sample: L2419637-01 Client ID: DUP Sample						
Solids, Total	85.5	84.5	%	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419646
Report Date: 04/12/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2419646-01A	Glass 60ml unpreserved split	A	NA		2.4	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2419646-01B	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TS(7)
L2419646-02A	Glass 60ml unpreserved split	A	NA		2.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2419646-02B	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TS(7)
L2419646-03A	Glass 60ml unpreserved split	A	NA		2.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2419646-03B	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		ARCHIVE()
L2419646-03C	Glass 250ml unpreserved split	A	NA		2.4	Y	Absent		NYTCL-8270(14)
L2419646-03D	Glass 60ml unpreserved split	A	NA		2.4	Y	Absent		TS(7),ARCHIVE()
L2419646-04A	Glass 60ml unpreserved split	A	NA		2.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2419646-04B	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TS(7)
L2419646-05A	Glass 60ml unpreserved split	A	NA		2.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2419646-05B	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TS(7)
L2419646-06A	Glass 60ml unpreserved split	A	NA		2.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2419646-06B	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TS(7)
L2419646-07A	Glass 60ml unpreserved split	A	NA		2.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2419646-07B	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419646
Report Date: 04/12/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2419646-08A	Glass 60ml unpreserved split	A	NA		2.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2419646-08B	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TS(7)
L2419646-09A	Glass 60ml unpreserved split	A	NA		2.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2419646-09B	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TS(7)
L2419646-10A	Glass 60ml unpreserved split	A	NA		2.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2419646-10B	Glass 250ml/8oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TS(7)
L2419646-11A	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2419646-11B	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419646
Project Number:	4461.0001B002	**Report Date:**	04/12/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419646
Project Number:	4461.0001B002	**Report Date:**	04/12/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419646
Project Number:	4461.0001B002	**Report Date:**	04/12/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419646
Project Number:	4461.0001B002	**Report Date:**	04/12/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 4/11/24

ALPHA Job #: L2419646

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information

Project Name: 1681-1689 main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	Total # Bottles	Sample Specific Comments
19646-01	NC B-1 5.5	4-10-24	0930	Soil	CEH	X	X		
02	NC B-2 5.5		0935			X	X		
03	NC B-3 5.5		0940			X	X		
04	NC B-4 5.5		0945			X	X		
05	NC B-5 4		1440			X	X		
06	NC B-6 4		1445			X	X		
07	NC EW-1 3-4		0950			X	X		
08	NC EW-2 3-4		0955			X	X		
09	NC SW-1 3-4		1000			X	X		
10	NC SW-2 3-4		1005			X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Sophie Hochreiter	4-10-24 1640		4/10/24 1640
	4/10/24 1640		4/11/24 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 4/11/24

ALPHA Job #: L2419646

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY
Phone:
Fax:
Email: mmunley@rouxinc.com

Project Information
Project Name: 1681 - 1689 Main Street
Project Location:
Project #
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	Total Bottle	Sample Specific Comments
19646-11	NC SW-3 2-3	4-10-24	1450	Soil	CEH	X	X		

Preservative Code: A = None, B = HCl, C = HNO_3, D = H_2SO_4, E = NaOH, F = MeOH, G = $NaHSO_4$, H = $Na_2S_2O_3$, K/E = Zn Ac/NaOH, O = Other

Container Code: P = Plastic, A = Amber Glass, V = Vial, G = Glass, B = Bacteria Cup, C = Cube, O = Other, E = Encore, D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Scott Herbreiter	4-10-24 1640		4/10/24 1646
	4/10/24 1640		4/11/24 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2419938
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	04/15/24

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

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

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419938
Report Date: 04/15/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2419938-01	NC B-7 4	SOIL	BUFFALO, NY	04/11/24 14:30	04/11/24
L2419938-02	NC B-8 4	SOIL	BUFFALO, NY	04/11/24 14:40	04/11/24
L2419938-03	NC NW-3 2-3	SOIL	BUFFALO, NY	04/11/24 14:00	04/11/24
L2419938-04	NC NW-4 2-3	SOIL	BUFFALO, NY	04/11/24 13:50	04/11/24
L2419938-05	NC SW-4 2-3	SOIL	BUFFALO, NY	04/11/24 14:50	04/11/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419938
Project Number:	4461.0001B002	**Report Date:**	04/15/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419938
Project Number:	4461.0001B002	**Report Date:**	04/15/24

Case Narrative (continued)

Report Submission

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

Sample Receipt

L2419938-03: The sample identified as "NC NW-3 2-3" on the chain of custody was identified as "NW-3 2-3" on the container label. At the client's request, the sample is reported as "NC NW-3 2-3".

L2419938-04: The sample identified as "NC NW-4 2-3" on the chain of custody was identified as "NW-4 2-3" on the container label. At the client's request, the sample is reported as "NC NW-4 2-3".

Total Metals

L2419938-01 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 04/15/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419938
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-01
Client ID: NC B-7 4
Sample Location: BUFFALO, NY

Date Collected: 04/11/24 14:30
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/13/24 00:53
Analyst: EK
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 04/12/24 04:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419938

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-01 Date Collected: 04/11/24 14:30

Client ID: NC B-7 4 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419938

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-01 Date Collected: 04/11/24 14:30

Client ID: NC B-7 4 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	39.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	94		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419938
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-02
Client ID: NC B-8 4
Sample Location: BUFFALO, NY

Date Collected: 04/11/24 14:40
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/13/24 01:45
Analyst: EK
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 04/12/24 04:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419938

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-02 Date Collected: 04/11/24 14:40

Client ID: NC B-8 4 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419938

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-02 Date Collected: 04/11/24 14:40

Client ID: NC B-8 4 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	85		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419938
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-03
Client ID: NC NW-3 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/11/24 14:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/13/24 04:36
Analyst: EK
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 04/12/24 04:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419938

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-03 Date Collected: 04/11/24 14:00

Client ID: NC NW-3 2-3 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419938

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-03 Date Collected: 04/11/24 14:00

Client ID: NC NW-3 2-3 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	82		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419938
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-04
Client ID: NC NW-4 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/11/24 13:50
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/13/24 04:54
Analyst: EK
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 04/12/24 04:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	160	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419938

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-04 Date Collected: 04/11/24 13:50

Client ID: NC NW-4 2-3 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	ND		ug/kg	210	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	56.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419938

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-04 Date Collected: 04/11/24 13:50

Client ID: NC NW-4 2-3 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	63.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	76		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419938
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-05
Client ID: NC SW-4 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/11/24 14:50
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/13/24 02:36
Analyst: EK
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 04/12/24 04:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	200	1
Hexachloroethane	ND		ug/kg	180	35.	1
Isophorone	ND		ug/kg	200	28.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	76.	1
Butyl benzyl phthalate	ND		ug/kg	220	55.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419938

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-05 Date Collected: 04/11/24 14:50

Client ID: NC SW-4 2-3 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	35.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	30.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	28.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	91.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	72.	1
2-Nitrophenol	ND		ug/kg	470	82.	1
4-Nitrophenol	ND		ug/kg	310	89.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	100	1
Pentachlorophenol	ND		ug/kg	180	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	34.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Carbazole	ND		ug/kg	220	21.	1
Atrazine	ND		ug/kg	180	77.	1
Benzaldehyde	ND		ug/kg	290	59.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419938

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-05 Date Collected: 04/11/24 14:50

Client ID: NC SW-4 2-3 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	66.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	44.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	78		18-120

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419938

Project Number: 4461.0001B002 **Report Date:** 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/12/24 22:55
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 04/12/24 10:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1907794-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419938
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/12/24 22:55
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 04/12/24 10:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1907794-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419938
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/12/24 22:55
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 04/12/24 10:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1907794-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	76		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419938
Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1907794-2 WG1907794-3								
Acenaphthene	69		73		31-137	6		50
Hexachlorobenzene	72		78		40-140	8		50
Bis(2-chloroethyl)ether	65		73		40-140	12		50
2-Chloronaphthalene	74		80		40-140	8		50
3,3'-Dichlorobenzidine	68		72		40-140	6		50
2,4-Dinitrotoluene	74		78		40-132	5		50
2,6-Dinitrotoluene	83		93		40-140	11		50
Fluoranthene	78		82		40-140	5		50
4-Chlorophenyl phenyl ether	70		73		40-140	4		50
4-Bromophenyl phenyl ether	72		78		40-140	8		50
Bis(2-chloroisopropyl)ether	56		64		40-140	13		50
Bis(2-chloroethoxy)methane	65		72		40-117	10		50
Hexachlorobutadiene	77		82		40-140	6		50
Hexachlorocyclopentadiene	67		74		40-140	10		50
Hexachloroethane	64		72		40-140	12		50
Isophorone	64		73		40-140	13		50
Naphthalene	71		78		40-140	9		50
Nitrobenzene	66		77		40-140	15		50
NDPA/DPA	72		78		36-157	8		50
n-Nitrosodi-n-propylamine	64		73		32-121	13		50
Bis(2-ethylhexyl)phthalate	76		82		40-140	8		50
Butyl benzyl phthalate	89		96		40-140	8		50
Di-n-butylphthalate	75		80		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419938

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1907794-2 WG1907794-3								
Di-n-octylphthalate	82		89		40-140	8		50
Diethyl phthalate	70		76		40-140	8		50
Dimethyl phthalate	70		78		40-140	11		50
Benzo(a)anthracene	78		80		40-140	3		50
Benzo(a)pyrene	88		92		40-140	4		50
Benzo(b)fluoranthene	82		82		40-140	0		50
Benzo(k)fluoranthene	76		85		40-140	11		50
Chrysene	76		79		40-140	4		50
Acenaphthylene	68		76		40-140	11		50
Anthracene	76		79		40-140	4		50
Benzo(ghi)perylene	72		71		40-140	1		50
Fluorene	70		75		40-140	7		50
Phenanthrene	74		77		40-140	4		50
Dibenzo(a,h)anthracene	76		76		40-140	0		50
Indeno(1,2,3-cd)pyrene	83		83		40-140	0		50
Pyrene	81		83		35-142	2		50
Biphenyl	76		85		37-127	11		50
4-Chloroaniline	46		50		40-140	8		50
2-Nitroaniline	90		100		47-134	11		50
3-Nitroaniline	65		73		26-129	12		50
4-Nitroaniline	80		87		41-125	8		50
Dibenzofuran	71		75		40-140	5		50
2-Methylnaphthalene	75		82		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419938

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1907794-2 WG1907794-3								
1,2,4,5-Tetrachlorobenzene	78		85		40-117	9		50
Acetophenone	77		87		14-144	12		50
2,4,6-Trichlorophenol	88		98		30-130	11		50
p-Chloro-m-cresol	78		85		26-103	9		50
2-Chlorophenol	74		83		25-102	11		50
2,4-Dichlorophenol	78		88		30-130	12		50
2,4-Dimethylphenol	60		67		30-130	11		50
2-Nitrophenol	92		105		30-130	13		50
4-Nitrophenol	70		74		11-114	6		50
2,4-Dinitrophenol	71		75		4-130	5		50
4,6-Dinitro-o-cresol	99		108		10-130	9		50
Pentachlorophenol	90		98		17-109	9		50
Phenol	78		87		26-90	11		50
2-Methylphenol	70		79		30-130.	12		50
3-Methylphenol/4-Methylphenol	71		81		30-130	13		50
2,4,5-Trichlorophenol	85		96		30-130	12		50
Carbazole	82		85		54-128	4		50
Atrazine	82		90		40-140	9		50
Benzaldehyde	66		75		40-140	13		50
Caprolactam	74		83		15-130	11		50
2,3,4,6-Tetrachlorophenol	87		93		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419938

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1907794-2 WG1907794-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		83		25-120
Phenol-d6	73		81		10-120
Nitrobenzene-d5	69		79		23-120
2-Fluorobiphenyl	69		76		30-120
2,4,6-Tribromophenol	85		94		10-136
4-Terphenyl-d14	76		80		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419938
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-01
Client ID: NC B-7 4
Sample Location: BUFFALO, NY
Date Collected: 04/11/24 14:30
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.00		mg/kg	0.936	0.195	2	04/12/24 07:40	04/12/24 18:00	EPA 3050B	1,6010D	JMF
Barium, Total	116		mg/kg	0.936	0.163	2	04/12/24 07:40	04/12/24 18:00	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.168	J	mg/kg	0.936	0.092	2	04/12/24 07:40	04/12/24 18:00	EPA 3050B	1,6010D	JMF
Chromium, Total	14.8		mg/kg	0.936	0.090	2	04/12/24 07:40	04/12/24 18:00	EPA 3050B	1,6010D	JMF
Lead, Total	18.5		mg/kg	4.68	0.251	2	04/12/24 07:40	04/12/24 18:00	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.076	0.050	1	04/12/24 08:25	04/13/24 14:20	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.87	0.242	2	04/12/24 07:40	04/12/24 18:00	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.468	0.265	2	04/12/24 07:40	04/12/24 18:00	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419938
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-02
Client ID: NC B-8 4
Sample Location: BUFFALO, NY
Date Collected: 04/11/24 14:40
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.65		mg/kg	0.932	0.194	2	04/12/24 07:40	04/12/24 18:04	EPA 3050B	1,6010D	JMF
Barium, Total	57.8		mg/kg	0.932	0.162	2	04/12/24 07:40	04/12/24 18:04	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.140	J	mg/kg	0.932	0.091	2	04/12/24 07:40	04/12/24 18:04	EPA 3050B	1,6010D	JMF
Chromium, Total	13.9		mg/kg	0.932	0.090	2	04/12/24 07:40	04/12/24 18:04	EPA 3050B	1,6010D	JMF
Lead, Total	17.3		mg/kg	4.66	0.250	2	04/12/24 07:40	04/12/24 18:04	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.077	0.050	1	04/12/24 08:25	04/13/24 14:23	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.86	0.240	2	04/12/24 07:40	04/12/24 18:04	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.466	0.264	2	04/12/24 07:40	04/12/24 18:04	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419938

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-03 Date Collected: 04/11/24 14:00

Client ID: NC NW-3 2-3 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.95		mg/kg	0.934	0.194	2	04/12/24 07:40	04/12/24 18:09	EPA 3050B	1,6010D	JMF
Barium, Total	126		mg/kg	0.934	0.162	2	04/12/24 07:40	04/12/24 18:09	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.934	0.092	2	04/12/24 07:40	04/12/24 18:09	EPA 3050B	1,6010D	JMF
Chromium, Total	20.6		mg/kg	0.934	0.090	2	04/12/24 07:40	04/12/24 18:09	EPA 3050B	1,6010D	JMF
Lead, Total	14.5		mg/kg	4.67	0.250	2	04/12/24 07:40	04/12/24 18:09	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.076	0.049	1	04/12/24 08:25	04/13/24 14:27	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.87	0.241	2	04/12/24 07:40	04/12/24 18:09	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.467	0.264	2	04/12/24 07:40	04/12/24 18:09	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419938
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-04
Client ID: NC NW-4 2-3
Sample Location: BUFFALO, NY
Date Collected: 04/11/24 13:50
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	8.23		mg/kg	0.965	0.201	2	04/12/24 07:40	04/12/24 18:13	EPA 3050B	1,6010D	JMF
Barium, Total	173		mg/kg	0.965	0.168	2	04/12/24 07:40	04/12/24 18:13	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.143	J	mg/kg	0.965	0.095	2	04/12/24 07:40	04/12/24 18:13	EPA 3050B	1,6010D	JMF
Chromium, Total	26.2		mg/kg	0.965	0.093	2	04/12/24 07:40	04/12/24 18:13	EPA 3050B	1,6010D	JMF
Lead, Total	18.5		mg/kg	4.82	0.258	2	04/12/24 07:40	04/12/24 18:13	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.080	0.052	1	04/12/24 08:25	04/13/24 14:30	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.93	0.249	2	04/12/24 07:40	04/12/24 18:13	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.482	0.273	2	04/12/24 07:40	04/12/24 18:13	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419938
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-05
Client ID: NC SW-4 2-3
Sample Location: BUFFALO, NY
Date Collected: 04/11/24 14:50
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.39		mg/kg	1.02	0.213	2	04/12/24 07:40	04/12/24 18:18	EPA 3050B	1,6010D	JMF
Barium, Total	253		mg/kg	1.02	0.178	2	04/12/24 07:40	04/12/24 18:18	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	1.02	0.100	2	04/12/24 07:40	04/12/24 18:18	EPA 3050B	1,6010D	JMF
Chromium, Total	31.3		mg/kg	1.02	0.098	2	04/12/24 07:40	04/12/24 18:18	EPA 3050B	1,6010D	JMF
Lead, Total	17.0		mg/kg	5.12	0.274	2	04/12/24 07:40	04/12/24 18:18	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.085	0.055	1	04/12/24 08:25	04/13/24 14:40	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	2.05	0.264	2	04/12/24 07:40	04/12/24 18:18	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.512	0.290	2	04/12/24 07:40	04/12/24 18:18	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419938

Project Number: 4461.0001B002 **Report Date:** 04/15/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1907800-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	04/12/24 07:40	04/12/24 13:37	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	04/12/24 07:40	04/12/24 13:37	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/12/24 07:40	04/12/24 13:37	1,6010D	JMF
Chromium, Total	0.039	J	mg/kg	0.400	0.038	1	04/12/24 07:40	04/12/24 13:37	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	04/12/24 07:40	04/12/24 13:37	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/12/24 07:40	04/12/24 13:37	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	04/12/24 07:40	04/12/24 13:37	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1907801-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/12/24 08:25	04/13/24 13:27	1,7471B	DJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419938

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1907800-2								
Arsenic, Total	98		-		80-120	-		
Barium, Total	102		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Chromium, Total	99		-		80-120	-		
Lead, Total	103		-		80-120	-		
Selenium, Total	95		-		80-120	-		
Silver, Total	99		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1907801-2								
Mercury, Total	96		-		72-128	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419938
Report Date: 04/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1907800-3 QC Sample: L2420043-02 Client ID: MS Sample												
Arsenic, Total	8.05	10.7	18.3	96		-	-		75-125	-		20
Barium, Total	15.7	178	192	99		-	-		75-125	-		20
Cadmium, Total	ND	4.72	4.31	91		-	-		75-125	-		20
Chromium, Total	20.0	17.8	34.2	80		-	-		75-125	-		20
Lead, Total	29.6	47.2	71.4	88		-	-		75-125	-		20
Selenium, Total	ND	10.7	9.61	90		-	-		75-125	-		20
Silver, Total	ND	4.46	4.50	101		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1907801-3 QC Sample: L2419361-01 Client ID: MS Sample												
Mercury, Total	ND	1.51	1.53	101		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419938

Report Date: 04/15/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1907800-4 QC Sample: L2420043-02 Client ID: DUP Sample						
Lead, Total	29.6	21.6	mg/kg	**31**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1907801-4 QC Sample: L2419361-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419938
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-01
Client ID: NC B-7 4
Sample Location: BUFFALO, NY

Date Collected: 04/11/24 14:30
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	04/12/24 06:31	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419938
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-02
Client ID: NC B-8 4
Sample Location: BUFFALO, NY

Date Collected: 04/11/24 14:40
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	04/12/24 06:31	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419938
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-03
Client ID: NC NW-3 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/11/24 14:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	04/12/24 06:31	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419938
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-04
Client ID: NC NW-4 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/11/24 13:50
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.1		%	0.100	NA	1	-	04/12/24 06:31	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419938
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419938-05
Client ID: NC SW-4 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/11/24 14:50
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.6		%	0.100	NA	1	-	04/12/24 06:31	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419938

Report Date: 04/15/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1907830-1 QC Sample: L2419938-01 Client ID: NC B-7 4						
Solids, Total	83.3	83.5	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419938
Report Date: 04/15/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2419938-01A	Glass 60ml unpreserved split	A	NA		3.5	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2419938-01B	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TS(7)
L2419938-02A	Glass 60ml unpreserved split	A	NA		3.5	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2419938-02B	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TS(7)
L2419938-03A	Glass 60ml unpreserved split	A	NA		3.5	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2419938-03B	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TS(7)
L2419938-04A	Glass 60ml unpreserved split	A	NA		3.5	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2419938-04B	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TS(7)
L2419938-05A	Glass 60ml unpreserved split	A	NA		3.5	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2419938-05B	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419938
Project Number:	4461.0001B002	**Report Date:**	04/15/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419938
Project Number:	4461.0001B002	**Report Date:**	04/15/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419938
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Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419938
Project Number:	4461.0001B002	**Report Date:**	04/15/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 4/12/24

ALPHA Job #: L2414938

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14216
Phone: 716-856-0599
Fax:
Email: amunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA 8 Metals	Sample Specific Comments
19938-01	NC B-7 4	4-11-24	1430	Soil	CEH	X	X	
-02	NC B-8 4		1440			X	X	
-03	NC NW-3 2-3		1400			X	X	
-04	NC NW-4 2-3		1350			X	X	
-05	NC SW-4 2-3		1450			X	X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Dustin Hardcastle	4-11-24/1500	[signature]	4/11/24 1530
			4/12/24 0115

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2419962
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	04/15/24

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

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419962
Report Date: 04/15/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2419962-01	HL 1+2 PIPE 1	SOIL	BUFFALO, NY	04/11/24 13:00	04/11/24
L2419962-02	HL 1+2 PIPE 2	SOIL	BUFFALO, NY	04/11/24 13:05	04/11/24
L2419962-03	HL 1+2 PIPE 3	SOIL	BUFFALO, NY	04/11/24 13:10	04/11/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419962
Project Number:	4461.0001B002	**Report Date:**	04/15/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419962
Project Number:	4461.0001B002	**Report Date:**	04/15/24

Case Narrative (continued)

Report Submission

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

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 04/15/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419962

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-01
Client ID: HL 1+2 PIPE 1
Sample Location: BUFFALO, NY

Date Collected: 04/11/24 13:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/12/24 10:11
Analyst: JIC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419962

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-01 Date Collected: 04/11/24 13:00

Client ID: HL 1+2 PIPE 1 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.38	1
Methyl Acetate	ND		ug/kg	4.5	1.1	1
Cyclohexane	ND		ug/kg	11	0.61	1
1,4-Dioxane	ND		ug/kg	90	39.	1
Freon-113	ND		ug/kg	4.5	0.78	1
Methyl cyclohexane	ND		ug/kg	4.5	0.68	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419962

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-01 Date Collected: 04/11/24 13:00

Client ID: HL 1+2 PIPE 1 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	102		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419962

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-02
Client ID: HL 1+2 PIPE 2
Sample Location: BUFFALO, NY

Date Collected: 04/11/24 13:05
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/12/24 10:37
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.50	0.19	1
Chlorobenzene	ND		ug/kg	0.50	0.12	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.16	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419962

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-02 Date Collected: 04/11/24 13:05

Client ID: HL 1+2 PIPE 2 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.91	1
Acetone	ND		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
n-Propylbenzene	ND		ug/kg	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
Methyl Acetate	ND		ug/kg	4.0	0.94	1
Cyclohexane	ND		ug/kg	9.9	0.54	1
1,4-Dioxane	ND		ug/kg	79	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419962

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-02 Date Collected: 04/11/24 13:05

Client ID: HL 1+2 PIPE 2 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419962

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-03
Client ID: HL 1+2 PIPE 3
Sample Location: BUFFALO, NY

Date Collected: 04/11/24 13:10
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/12/24 11:03
Analyst: JIC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419962

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-03 Date Collected: 04/11/24 13:10

Client ID: HL 1+2 PIPE 3 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
Methyl Acetate	ND		ug/kg	3.8	0.90	1
Cyclohexane	ND		ug/kg	9.4	0.51	1
1,4-Dioxane	ND		ug/kg	76	33.	1
Freon-113	ND		ug/kg	3.8	0.66	1
Methyl cyclohexane	ND		ug/kg	3.8	0.57	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419962

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-03 Date Collected: 04/11/24 13:10

Client ID: HL 1+2 PIPE 3 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419962

Project Number: 4461.0001B002 **Report Date:** 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/12/24 09:45
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1908562-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.66	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419962

Project Number: 4461.0001B002 **Report Date:** 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/12/24 09:45
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1908562-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419962

Project Number: 4461.0001B002 **Report Date:** 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/12/24 09:45
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1908562-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419962

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1908562-3 WG1908562-4								
Methylene chloride	90		86		70-130	5		30
1,1-Dichloroethane	98		94		70-130	4		30
Chloroform	93		92		70-130	1		30
Carbon tetrachloride	97		93		70-130	4		30
1,2-Dichloropropane	96		96		70-130	0		30
Dibromochloromethane	101		101		70-130	0		30
1,1,2-Trichloroethane	95		95		70-130	0		30
Tetrachloroethene	100		99		70-130	1		30
Chlorobenzene	101		102		70-130	1		30
Trichlorofluoromethane	101		92		70-139	9		30
1,2-Dichloroethane	93		90		70-130	3		30
1,1,1-Trichloroethane	98		94		70-130	4		30
Bromodichloromethane	92		92		70-130	0		30
trans-1,3-Dichloropropene	103		104		70-130	1		30
cis-1,3-Dichloropropene	100		97		70-130	3		30
Bromoform	95		96		70-130	1		30
1,1,2,2-Tetrachloroethane	92		95		70-130	3		30
Benzene	97		97		70-130	0		30
Toluene	99		98		70-130	1		30
Ethylbenzene	100		100		70-130	0		30
Chloromethane	98		90		52-130	9		30
Bromomethane	106		98		57-147	8		30
Vinyl chloride	96		92		67-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419962

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1908562-3 WG1908562-4								
Chloroethane	98		92		50-151	6		30
1,1-Dichloroethene	100		93		65-135	7		30
trans-1,2-Dichloroethene	100		97		70-130	3		30
Trichloroethene	93		91		70-130	2		30
1,2-Dichlorobenzene	100		100		70-130	0		30
1,3-Dichlorobenzene	102		104		70-130	2		30
1,4-Dichlorobenzene	99		100		70-130	1		30
Methyl tert butyl ether	99		94		66-130	5		30
p/m-Xylene	104		102		70-130	2		30
o-Xylene	103		103		70-130	0		30
cis-1,2-Dichloroethene	94		96		70-130	2		30
Styrene	103		103		70-130	0		30
Dichlorodifluoromethane	93		86		30-146	8		30
Acetone	85		90		54-140	6		30
Carbon disulfide	100		93		59-130	7		30
2-Butanone	92		91		70-130	1		30
4-Methyl-2-pentanone	99		96		70-130	3		30
2-Hexanone	93		93		70-130	0		30
Bromochloromethane	95		92		70-130	3		30
1,2-Dibromoethane	96		95		70-130	1		30
n-Butylbenzene	105		106		70-130	1		30
sec-Butylbenzene	99		100		70-130	1		30
1,2-Dibromo-3-chloropropane	90		94		68-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419962

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1908562-3 WG1908562-4								
Isopropylbenzene	100		100		70-130	0		30
p-Isopropyltoluene	100		105		70-130	5		30
n-Propylbenzene	97		102		70-130	5		30
1,2,3-Trichlorobenzene	110		110		70-130	0		30
1,2,4-Trichlorobenzene	114		120		70-130	5		30
1,3,5-Trimethylbenzene	98		101		70-130	3		30
1,2,4-Trimethylbenzene	100		103		70-130	3		30
Methyl Acetate	90		87		51-146	3		30
Cyclohexane	97		94		59-142	3		30
1,4-Dioxane	105		109		65-136	4		30
Freon-113	101		95		50-139	6		30
Methyl cyclohexane	94		91		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		95		70-130
Toluene-d8	99		103		70-130
4-Bromofluorobenzene	92		101		70-130
Dibromofluoromethane	99		99		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419962
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-01
Client ID: HL 1+2 PIPE 1
Sample Location: BUFFALO, NY

Date Collected: 04/11/24 13:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/13/24 02:02
Analyst: EK
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 04/12/24 04:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419962

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-01 Date Collected: 04/11/24 13:00

Client ID: HL 1+2 PIPE 1 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419962

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-01 Date Collected: 04/11/24 13:00

Client ID: HL 1+2 PIPE 1 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	86		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419962
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-02
Client ID: HL 1+2 PIPE 2
Sample Location: BUFFALO, NY

Date Collected: 04/11/24 13:05
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/13/24 00:36
Analyst: EK
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/12/24 04:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419962

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-02 Date Collected: 04/11/24 13:05

Client ID: HL 1+2 PIPE 2 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419962

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-02 Date Collected: 04/11/24 13:05

Client ID: HL 1+2 PIPE 2 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	39.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	102		10-136
4-Terphenyl-d14	91		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419962
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-03
Client ID: HL 1+2 PIPE 3
Sample Location: BUFFALO, NY

Date Collected: 04/11/24 13:10
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/13/24 01:28
Analyst: EK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 04/12/24 04:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419962

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-03 Date Collected: 04/11/24 13:10

Client ID: HL 1+2 PIPE 3 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	450	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419962

Project Number: 4461.0001B002 **Report Date:** 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-03 Date Collected: 04/11/24 13:10

Client ID: HL 1+2 PIPE 3 Date Received: 04/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	110		10-136
4-Terphenyl-d14	97		18-120

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2419962

Project Number: 4461.0001B002 **Report Date:** 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/12/24 22:55
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 04/12/24 10:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1907794-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419962
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/12/24 22:55
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 04/12/24 10:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1907794-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2419962
Report Date: 04/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/12/24 22:55
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 04/12/24 10:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1907794-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	76		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419962

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1907794-2 WG1907794-3								
Acenaphthene	69		73		31-137	6		50
Hexachlorobenzene	72		78		40-140	8		50
Bis(2-chloroethyl)ether	65		73		40-140	12		50
2-Chloronaphthalene	74		80		40-140	8		50
3,3'-Dichlorobenzidine	68		72		40-140	6		50
2,4-Dinitrotoluene	74		78		40-132	5		50
2,6-Dinitrotoluene	83		93		40-140	11		50
Fluoranthene	78		82		40-140	5		50
4-Chlorophenyl phenyl ether	70		73		40-140	4		50
4-Bromophenyl phenyl ether	72		78		40-140	8		50
Bis(2-chloroisopropyl)ether	56		64		40-140	13		50
Bis(2-chloroethoxy)methane	65		72		40-117	10		50
Hexachlorobutadiene	77		82		40-140	6		50
Hexachlorocyclopentadiene	67		74		40-140	10		50
Hexachloroethane	64		72		40-140	12		50
Isophorone	64		73		40-140	13		50
Naphthalene	71		78		40-140	9		50
Nitrobenzene	66		77		40-140	15		50
NDPA/DPA	72		78		36-157	8		50
n-Nitrosodi-n-propylamine	64		73		32-121	13		50
Bis(2-ethylhexyl)phthalate	76		82		40-140	8		50
Butyl benzyl phthalate	89		96		40-140	8		50
Di-n-butylphthalate	75		80		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419962

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1907794-2 WG1907794-3								
Di-n-octylphthalate	82		89		40-140	8		50
Diethyl phthalate	70		76		40-140	8		50
Dimethyl phthalate	70		78		40-140	11		50
Benzo(a)anthracene	78		80		40-140	3		50
Benzo(a)pyrene	88		92		40-140	4		50
Benzo(b)fluoranthene	82		82		40-140	0		50
Benzo(k)fluoranthene	76		85		40-140	11		50
Chrysene	76		79		40-140	4		50
Acenaphthylene	68		76		40-140	11		50
Anthracene	76		79		40-140	4		50
Benzo(ghi)perylene	72		71		40-140	1		50
Fluorene	70		75		40-140	7		50
Phenanthrene	74		77		40-140	4		50
Dibenzo(a,h)anthracene	76		76		40-140	0		50
Indeno(1,2,3-cd)pyrene	83		83		40-140	0		50
Pyrene	81		83		35-142	2		50
Biphenyl	76		85		37-127	11		50
4-Chloroaniline	46		50		40-140	8		50
2-Nitroaniline	90		100		47-134	11		50
3-Nitroaniline	65		73		26-129	12		50
4-Nitroaniline	80		87		41-125	8		50
Dibenzofuran	71		75		40-140	5		50
2-Methylnaphthalene	75		82		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419962

Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1907794-2 WG1907794-3								
1,2,4,5-Tetrachlorobenzene	78		85		40-117	9		50
Acetophenone	77		87		14-144	12		50
2,4,6-Trichlorophenol	88		98		30-130	11		50
p-Chloro-m-cresol	78		85		26-103	9		50
2-Chlorophenol	74		83		25-102	11		50
2,4-Dichlorophenol	78		88		30-130	12		50
2,4-Dimethylphenol	60		67		30-130	11		50
2-Nitrophenol	92		105		30-130	13		50
4-Nitrophenol	70		74		11-114	6		50
2,4-Dinitrophenol	71		75		4-130	5		50
4,6-Dinitro-o-cresol	99		108		10-130	9		50
Pentachlorophenol	90		98		17-109	9		50
Phenol	78		87		26-90	11		50
2-Methylphenol	70		79		30-130.	12		50
3-Methylphenol/4-Methylphenol	71		81		30-130	13		50
2,4,5-Trichlorophenol	85		96		30-130	12		50
Carbazole	82		85		54-128	4		50
Atrazine	82		90		40-140	9		50
Benzaldehyde	66		75		40-140	13		50
Caprolactam	74		83		15-130	11		50
2,3,4,6-Tetrachlorophenol	87		93		40-140	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419962
Report Date: 04/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1907794-2 WG1907794-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		83		25-120
Phenol-d6	73		81		10-120
Nitrobenzene-d5	69		79		23-120
2-Fluorobiphenyl	69		76		30-120
2,4,6-Tribromophenol	85		94		10-136
4-Terphenyl-d14	76		80		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419962
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-01
Client ID: HL 1+2 PIPE 1
Sample Location: BUFFALO, NY

Date Collected: 04/11/24 13:00
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.5		%	0.100	NA	1	-	04/12/24 06:31	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419962
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-02
Client ID: HL 1+2 PIPE 2
Sample Location: BUFFALO, NY

Date Collected: 04/11/24 13:05
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	04/12/24 06:31	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419962
Report Date: 04/15/24

SAMPLE RESULTS

Lab ID: L2419962-03
Client ID: HL 1+2 PIPE 3
Sample Location: BUFFALO, NY

Date Collected: 04/11/24 13:10
Date Received: 04/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	04/12/24 06:31	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2419962

Report Date: 04/15/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1907830-1 QC Sample: L2419938-01 Client ID: DUP Sample						
Solids, Total	83.3	83.5	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419962
Report Date: 04/15/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2419962-01A	Glass 120ml/4oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TS(7)
L2419962-01B	Vial Large Septa unpreserved (4oz)	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2419962-01X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2419962-01Y	Vial Water preserved split	A	NA		3.5	Y	Absent	12-APR-24 07:27	NYTCL-8260-R2(14)
L2419962-01Z	Vial Water preserved split	A	NA		3.5	Y	Absent	12-APR-24 07:27	NYTCL-8260-R2(14)
L2419962-02A	Glass 120ml/4oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TS(7)
L2419962-02B	Vial Large Septa unpreserved (4oz)	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2419962-02X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2419962-02Y	Vial Water preserved split	A	NA		3.5	Y	Absent	12-APR-24 07:27	NYTCL-8260-R2(14)
L2419962-02Z	Vial Water preserved split	A	NA		3.5	Y	Absent	12-APR-24 07:27	NYTCL-8260-R2(14)
L2419962-03A	Glass 120ml/4oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TS(7)
L2419962-03B	Vial Large Septa unpreserved (4oz)	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2419962-03X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYTCL-8260-R2(14)
L2419962-03Y	Vial Water preserved split	A	NA		3.5	Y	Absent	12-APR-24 07:27	NYTCL-8260-R2(14)
L2419962-03Z	Vial Water preserved split	A	NA		3.5	Y	Absent	12-APR-24 07:27	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419962
Project Number:	4461.0001B002	**Report Date:**	04/15/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419962
Project Number:	4461.0001B002	**Report Date:**	04/15/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419962
Project Number:	4461.0001B002	**Report Date:**	04/15/24

Data Qualifiers

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2419962
Project Number:	4461.0001B002	**Report Date:**	04/15/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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FAX: 508-898-9193

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320 Forbes Blvd
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FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 4/12/24

ALPHA Job #: L2419462

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike, Buffalo
New York 14218
Phone: 716-856-0599
Fax:
Email: nmuxley@roux inc.com

Project Information
Project Name: 1681-1689 main Street
Project Location: Buffalo, NY
Project # 4461.0001 B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

☐ These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TAL + CP-51 VOCs	TAL SVOCs	Total Bottle	Sample Specific Comments
19462-01	~~Duplicate~~ HL 1+2 pipe 1	4/11/24	1300	Soil	CEH	X	X		
-02	HL 1+2 pipe 2	4/11/24	1305	Soil	CEH	X	X		
-03	HL 1+2 pipe 3	4/11/24	1310	Soil	CEH	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Dexter Hochreiter	4-11-24 / 1510	[signature]	4/11/24 1510
			4/12/24 0115

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2420331
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	04/16/24

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

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

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

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420331
Report Date: 04/16/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2420331-01	NC B-9 4	SOIL	BUFFALO, NY	04/12/24 10:30	04/12/24
L2420331-02	NC B-10 4	SOIL	BUFFALO, NY	04/12/24 10:35	04/12/24
L2420331-03	NC EW-3 3-4	SOIL	BUFFALO, NY	04/12/24 10:40	04/12/24
L2420331-04	NC EW-4 3-4	SOIL	BUFFALO, NY	04/12/24 10:45	04/12/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420331
Project Number:	4461.0001B002	**Report Date:**	04/16/24

Case Narrative

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

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

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

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

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

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

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420331
Project Number:	4461.0001B002	**Report Date:**	04/16/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2420331-01 through -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 04/16/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-01
Client ID: NC B-9 4
Sample Location: BUFFALO, NY

Date Collected: 04/12/24 10:30
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/14/24 01:23
Analyst: MRG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 04/13/24 02:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420331

Project Number: 4461.0001B002 **Report Date:** 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-01 Date Collected: 04/12/24 10:30

Client ID: NC B-9 4 Date Received: 04/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420331

Project Number: 4461.0001B002 **Report Date:** 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-01 Date Collected: 04/12/24 10:30

Client ID: NC B-9 4 Date Received: 04/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	67		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-02
Client ID: NC B-10 4
Sample Location: BUFFALO, NY

Date Collected: 04/12/24 10:35
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/14/24 01:47
Analyst: MRG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 04/13/24 02:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	120	24.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420331

Project Number: 4461.0001B002 **Report Date:** 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-02 Date Collected: 04/12/24 10:35

Client ID: NC B-10 4 Date Received: 04/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	34.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	120	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	79.	1
4-Nitrophenol	ND		ug/kg	290	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	ND		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	280	57.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420331

Project Number: 4461.0001B002 **Report Date:** 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-02 Date Collected: 04/12/24 10:35

Client ID: NC B-10 4 Date Received: 04/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	62		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-03
Client ID: NC EW-3 3-4
Sample Location: BUFFALO, NY

Date Collected: 04/12/24 10:40
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/14/24 02:11
Analyst: MRG
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 04/13/24 02:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	220	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	43.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	ND		ug/kg	220	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	33.	1
Bis(2-ethylhexyl)phthalate	83	J	ug/kg	220	75.	1
Butyl benzyl phthalate	ND		ug/kg	220	54.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	45.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420331

Project Number: 4461.0001B002 **Report Date:** 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-03 Date Collected: 04/12/24 10:40

Client ID: NC EW-3 3-4 Date Received: 04/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	35.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	42.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	490	28.	1
4-Chloroaniline	ND		ug/kg	220	39.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	90.	1
Dibenzofuran	ND		ug/kg	220	20.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	190	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	71.	1
2-Nitrophenol	ND		ug/kg	470	81.	1
4-Nitrophenol	ND		ug/kg	300	88.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	41.	1
Carbazole	ND		ug/kg	220	21.	1
Atrazine	ND		ug/kg	170	76.	1
Benzaldehyde	ND		ug/kg	280	58.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420331

Project Number: 4461.0001B002 **Report Date:** 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-03 Date Collected: 04/12/24 10:40

Client ID: NC EW-3 3-4 Date Received: 04/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	66.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	44.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	85		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-04
Client ID: NC EW-4 3-4
Sample Location: BUFFALO, NY

Date Collected: 04/12/24 10:45
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/14/24 02:34
Analyst: MRG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 04/13/24 02:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	120	24.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420331

Project Number: 4461.0001B002 **Report Date:** 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-04 Date Collected: 04/12/24 10:45

Client ID: NC EW-4 3-4 Date Received: 04/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	34.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	120	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	79.	1
4-Nitrophenol	ND		ug/kg	290	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	ND		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	280	57.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420331

Project Number: 4461.0001B002 **Report Date:** 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-04 Date Collected: 04/12/24 10:45

Client ID: NC EW-4 3-4 Date Received: 04/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	66		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/13/24 02:45
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 04/12/24 17:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1908165-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420331
Report Date: 04/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/13/24 02:45
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 04/12/24 17:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1908165-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/13/24 02:45
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 04/12/24 17:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1908165-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	99		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420331

Report Date: 04/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1908165-2 WG1908165-3								
Acenaphthene	75		88		31-137	16		50
Hexachlorobenzene	79		92		40-140	15		50
Bis(2-chloroethyl)ether	70		81		40-140	15		50
2-Chloronaphthalene	75		88		40-140	16		50
3,3'-Dichlorobenzidine	74		82		40-140	10		50
2,4-Dinitrotoluene	72		85		40-132	17		50
2,6-Dinitrotoluene	80		96		40-140	18		50
Fluoranthene	81		94		40-140	15		50
4-Chlorophenyl phenyl ether	75		90		40-140	18		50
4-Bromophenyl phenyl ether	77		90		40-140	16		50
Bis(2-chloroisopropyl)ether	66		79		40-140	18		50
Bis(2-chloroethoxy)methane	73		88		40-117	19		50
Hexachlorobutadiene	68		80		40-140	16		50
Hexachlorocyclopentadiene	74		87		40-140	16		50
Hexachloroethane	67		80		40-140	18		50
Isophorone	71		84		40-140	17		50
Naphthalene	71		84		40-140	17		50
Nitrobenzene	69		85		40-140	21		50
NDPA/DPA	78		91		36-157	15		50
n-Nitrosodi-n-propylamine	70		84		32-121	18		50
Bis(2-ethylhexyl)phthalate	86		99		40-140	14		50
Butyl benzyl phthalate	90		105		40-140	15		50
Di-n-butylphthalate	83		95		40-140	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420331

Report Date: 04/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1908165-2 WG1908165-3								
Di-n-octylphthalate	84		98		40-140	15		50
Diethyl phthalate	78		90		40-140	14		50
Dimethyl phthalate	77		91		40-140	17		50
Benzo(a)anthracene	78		91		40-140	15		50
Benzo(a)pyrene	85		99		40-140	15		50
Benzo(b)fluoranthene	84		96		40-140	13		50
Benzo(k)fluoranthene	79		94		40-140	17		50
Chrysene	77		90		40-140	16		50
Acenaphthylene	77		90		40-140	16		50
Anthracene	80		92		40-140	14		50
Benzo(ghi)perylene	81		95		40-140	16		50
Fluorene	76		90		40-140	17		50
Phenanthrene	78		90		40-140	14		50
Dibenzo(a,h)anthracene	82		95		40-140	15		50
Indeno(1,2,3-cd)pyrene	82		96		40-140	16		50
Pyrene	81		94		35-142	15		50
Biphenyl	68		80		37-127	16		50
4-Chloroaniline	51		58		40-140	13		50
2-Nitroaniline	83		99		47-134	18		50
3-Nitroaniline	71		82		26-129	14		50
4-Nitroaniline	80		96		41-125	18		50
Dibenzofuran	75		88		40-140	16		50
2-Methylnaphthalene	76		88		40-140	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420331

Report Date: 04/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1908165-2 WG1908165-3								
1,2,4,5-Tetrachlorobenzene	68		82		40-117	19		50
Acetophenone	66		79		14-144	18		50
2,4,6-Trichlorophenol	82		96		30-130	16		50
p-Chloro-m-cresol	80		94		26-103	16		50
2-Chlorophenol	76		91		25-102	18		50
2,4-Dichlorophenol	79		94		30-130	17		50
2,4-Dimethylphenol	71		86		30-130	19		50
2-Nitrophenol	81		97		30-130	18		50
4-Nitrophenol	80		98		11-114	20		50
2,4-Dinitrophenol	69		86		4-130	22		50
4,6-Dinitro-o-cresol	78		91		10-130	15		50
Pentachlorophenol	72		87		17-109	19		50
Phenol	74		89		26-90	18		50
2-Methylphenol	78		92		30-130.	16		50
3-Methylphenol/4-Methylphenol	78		94		30-130	19		50
2,4,5-Trichlorophenol	81		95		30-130	16		50
Carbazole	80		92		54-128	14		50
Atrazine	73		84		40-140	14		50
Benzaldehyde	58		69		40-140	17		50
Caprolactam	70		86		15-130	21		50
2,3,4,6-Tetrachlorophenol	81		98		40-140	19		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420331

Report Date: 04/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1908165-2 WG1908165-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	76		87		25-120
Phenol-d6	79		93		10-120
Nitrobenzene-d5	72		83		23-120
2-Fluorobiphenyl	74		85		30-120
2,4,6-Tribromophenol	88		101		10-136
4-Terphenyl-d14	79		89		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-01
Client ID: NC B-9 4
Sample Location: BUFFALO, NY
Date Collected: 04/12/24 10:30
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.24		mg/kg	0.920	0.191	2	04/13/24 08:45	04/13/24 20:56	EPA 3050B	1,6010D	JMF
Barium, Total	87.8		mg/kg	0.920	0.160	2	04/13/24 08:45	04/13/24 20:56	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.137	J	mg/kg	0.920	0.090	2	04/13/24 08:45	04/13/24 20:56	EPA 3050B	1,6010D	JMF
Chromium, Total	14.1		mg/kg	0.920	0.088	2	04/13/24 08:45	04/13/24 20:56	EPA 3050B	1,6010D	JMF
Lead, Total	19.1		mg/kg	4.60	0.246	2	04/13/24 08:45	04/13/24 20:56	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.077	0.050	1	04/13/24 09:50	04/15/24 14:11	EPA 7471B	1,7471B	SMV
Selenium, Total	ND		mg/kg	1.84	0.237	2	04/13/24 08:45	04/13/24 20:56	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.460	0.260	2	04/13/24 08:45	04/13/24 20:56	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-02
Client ID: NC B-10 4
Sample Location: BUFFALO, NY
Date Collected: 04/12/24 10:35
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.06		mg/kg	1.01	0.210	2	04/13/24 08:45	04/13/24 21:00	EPA 3050B	1,6010D	JMF
Barium, Total	130		mg/kg	1.01	0.176	2	04/13/24 08:45	04/13/24 21:00	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.112	J	mg/kg	1.01	0.099	2	04/13/24 08:45	04/13/24 21:00	EPA 3050B	1,6010D	JMF
Chromium, Total	21.4		mg/kg	1.01	0.097	2	04/13/24 08:45	04/13/24 21:00	EPA 3050B	1,6010D	JMF
Lead, Total	20.4		mg/kg	5.06	0.271	2	04/13/24 08:45	04/13/24 21:00	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/13/24 09:50	04/15/24 14:21	EPA 7471B	1,7471B	SMV
Selenium, Total	ND		mg/kg	2.02	0.261	2	04/13/24 08:45	04/13/24 21:00	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.506	0.286	2	04/13/24 08:45	04/13/24 21:00	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-03
Client ID: NC EW-3 3-4
Sample Location: BUFFALO, NY
Date Collected: 04/12/24 10:40
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.75		mg/kg	1.03	0.214	2	04/13/24 08:45	04/13/24 21:05	EPA 3050B	1,6010D	JMF
Barium, Total	161		mg/kg	1.03	0.179	2	04/13/24 08:45	04/13/24 21:05	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.125	J	mg/kg	1.03	0.101	2	04/13/24 08:45	04/13/24 21:05	EPA 3050B	1,6010D	JMF
Chromium, Total	26.6		mg/kg	1.03	0.099	2	04/13/24 08:45	04/13/24 21:05	EPA 3050B	1,6010D	JMF
Lead, Total	13.7		mg/kg	5.14	0.275	2	04/13/24 08:45	04/13/24 21:05	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.084	0.055	1	04/13/24 09:50	04/15/24 14:24	EPA 7471B	1,7471B	SMV
Selenium, Total	ND		mg/kg	2.05	0.265	2	04/13/24 08:45	04/13/24 21:05	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.514	0.291	2	04/13/24 08:45	04/13/24 21:05	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420331

Project Number: 4461.0001B002 **Report Date:** 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-04 Date Collected: 04/12/24 10:45

Client ID: NC EW-4 3-4 Date Received: 04/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.50		mg/kg	0.996	0.207	2	04/13/24 08:45	04/13/24 21:09	EPA 3050B	1,6010D	JMF
Barium, Total	135		mg/kg	0.996	0.173	2	04/13/24 08:45	04/13/24 21:09	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.154	J	mg/kg	0.996	0.098	2	04/13/24 08:45	04/13/24 21:09	EPA 3050B	1,6010D	JMF
Chromium, Total	22.4		mg/kg	0.996	0.096	2	04/13/24 08:45	04/13/24 21:09	EPA 3050B	1,6010D	JMF
Lead, Total	25.5		mg/kg	4.98	0.267	2	04/13/24 08:45	04/13/24 21:09	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.082	0.053	1	04/13/24 09:50	04/15/24 14:28	EPA 7471B	1,7471B	SMV
Selenium, Total	ND		mg/kg	1.99	0.257	2	04/13/24 08:45	04/13/24 21:09	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.498	0.282	2	04/13/24 08:45	04/13/24 21:09	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1908266-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	04/13/24 08:45	04/13/24 17:47	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	04/13/24 08:45	04/13/24 17:47	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/13/24 08:45	04/13/24 17:47	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	04/13/24 08:45	04/13/24 17:47	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	04/13/24 08:45	04/13/24 17:47	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/13/24 08:45	04/13/24 17:47	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	04/13/24 08:45	04/13/24 17:47	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1908277-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/13/24 09:50	04/15/24 13:48	1,7471B	SMV

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420331

Report Date: 04/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1908266-2								
Arsenic, Total	101		-		80-120	-		
Barium, Total	102		-		80-120	-		
Cadmium, Total	101		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Lead, Total	106		-		80-120	-		
Selenium, Total	104		-		80-120	-		
Silver, Total	104		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1908277-2								
Mercury, Total	104		-		72-128	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420331
Report Date: 04/16/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1908266-3 QC Sample: L2420193-01 Client ID: MS Sample												
Arsenic, Total	5.98	11	19.2	120		-	-		75-125	-		20
Barium, Total	22.0	183	202	98		-	-		75-125	-		20
Cadmium, Total	ND	4.85	4.48	92		-	-		75-125	-		20
Chromium, Total	20.7	18.3	40.7	109		-	-		75-125	-		20
Lead, Total	12.6	48.5	65.7	109		-	-		75-125	-		20
Selenium, Total	ND	11	10.9	99		-	-		75-125	-		20
Silver, Total	ND	4.58	4.74	104		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1908277-3 QC Sample: L2420294-01 Client ID: MS Sample												
Mercury, Total	0.198	1.58	1.83	103		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420331
Report Date: 04/16/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1908266-4 QC Sample: L2420193-01 Client ID: DUP Sample						
Arsenic, Total	5.98	6.27	mg/kg	5		20
Barium, Total	22.0	26.4	mg/kg	18		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	20.7	20.8	mg/kg	0		20
Lead, Total	12.6	14.1	mg/kg	11		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1908277-4 QC Sample: L2420294-01 Client ID: DUP Sample						
Mercury, Total	0.198	0.220	mg/kg	11		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-01
Client ID: NC B-9 4
Sample Location: BUFFALO, NY

Date Collected: 04/12/24 10:30
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	04/13/24 03:33	121,2540G	WJM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-02
Client ID: NC B-10 4
Sample Location: BUFFALO, NY

Date Collected: 04/12/24 10:35
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.3		%	0.100	NA	1	-	04/13/24 03:33	121,2540G	WJM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-03
Client ID: NC EW-3 3-4
Sample Location: BUFFALO, NY

Date Collected: 04/12/24 10:40
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.0		%	0.100	NA	1	-	04/13/24 03:33	121,2540G	WJM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-04
Client ID: NC EW-4 3-4
Sample Location: BUFFALO, NY

Date Collected: 04/12/24 10:45
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.9		%	0.100	NA	1	-	04/13/24 03:33	121,2540G	WJM

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420331

Report Date: 04/16/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1908242-1 QC Sample: L2420331-01 Client ID: NC B-9 4						
Solids, Total	81.7	82.3	%	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420331
Report Date: 04/16/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2420331-01A	Glass 60ml unpreserved split	A	NA		3.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2420331-01B	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TS(7)
L2420331-02A	Glass 60ml unpreserved split	A	NA		3.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2420331-02B	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TS(7)
L2420331-03A	Glass 60ml unpreserved split	A	NA		3.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2420331-03B	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TS(7)
L2420331-04A	Glass 60ml unpreserved split	A	NA		3.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2420331-04B	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420331
Project Number:	4461.0001B002	**Report Date:**	04/16/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420331
Project Number:	4461.0001B002	**Report Date:**	04/16/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420331
Project Number:	4461.0001B002	**Report Date:**	04/16/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420331
Project Number:	4461.0001B002	**Report Date:**	04/16/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL LABORATORIES

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 4/13/24

ALPHA Job #: L2420331

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: mmuley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project # 4461.0001B002
(Use Project name as Project #)
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard
Rush (only if pre approved)
Due Date: 2 Day TAT
# of Days:

Deliverables
ASP-A
ASP-B
EQuIS (1 File)
EQuIS (4 File)
Other

Regulatory Requirement
NY TOGS
NY Part 375
AWQ Standards
NY CP-51
NY Restricted Use
Other
NY Unrestricted Use
NYC Sewer Discharge

Billing Information
Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ
NY
Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	Total Bottle	Sample Specific Comments
20531-01	NC B-9 4	4/12/24	1030	Soil	CEH	X	X		
-02	NC B-10 4		1035			X	X		
-03	NC EW-3 3-4		1040			X	X		
-04	NC EW-4 3-4		1045			X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Chester Hochreiter	4/12/24 1515		4/12/24 15:15
	4/12/24 1515		4/13/24 0040

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2420331
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	04/16/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420331
Report Date: 04/16/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2420331-01	NC B-9 4	SOIL	BUFFALO, NY	04/12/24 10:30	04/12/24
L2420331-02	NC B-10 4	SOIL	BUFFALO, NY	04/12/24 10:35	04/12/24
L2420331-03	NC EW-3 3-4	SOIL	BUFFALO, NY	04/12/24 10:40	04/12/24
L2420331-04	NC EW-4 3-4	SOIL	BUFFALO, NY	04/12/24 10:45	04/12/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420331
Project Number:	4461.0001B002	**Report Date:**	04/16/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420331
Project Number:	4461.0001B002	**Report Date:**	04/16/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2420331-01 through -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 04/16/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-01
Client ID: NC B-9 4
Sample Location: BUFFALO, NY

Date Collected: 04/12/24 10:30
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/14/24 01:23
Analyst: MRG
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 04/13/24 02:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420331

Project Number: 4461.0001B002 **Report Date:** 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-01 Date Collected: 04/12/24 10:30

Client ID: NC B-9 4 Date Received: 04/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420331

Project Number: 4461.0001B002 **Report Date:** 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-01 Date Collected: 04/12/24 10:30

Client ID: NC B-9 4 Date Received: 04/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	67		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-02
Client ID: NC B-10 4
Sample Location: BUFFALO, NY

Date Collected: 04/12/24 10:35
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/14/24 01:47
Analyst: MRG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 04/13/24 02:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	120	24.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420331

Project Number: 4461.0001B002 **Report Date:** 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-02 Date Collected: 04/12/24 10:35

Client ID: NC B-10 4 Date Received: 04/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	34.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	120	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	79.	1
4-Nitrophenol	ND		ug/kg	290	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	ND		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	280	57.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420331

Project Number: 4461.0001B002 **Report Date:** 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-02 Date Collected: 04/12/24 10:35

Client ID: NC B-10 4 Date Received: 04/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	62		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-03
Client ID: NC EW-3 3-4
Sample Location: BUFFALO, NY

Date Collected: 04/12/24 10:40
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/14/24 02:11
Analyst: MRG
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 04/13/24 02:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	220	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	43.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	ND		ug/kg	220	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	33.	1
Bis(2-ethylhexyl)phthalate	83	J	ug/kg	220	75.	1
Butyl benzyl phthalate	ND		ug/kg	220	54.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	45.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420331

Project Number: 4461.0001B002 **Report Date:** 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-03 Date Collected: 04/12/24 10:40

Client ID: NC EW-3 3-4 Date Received: 04/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	35.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	42.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	490	28.	1
4-Chloroaniline	ND		ug/kg	220	39.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	90.	1
Dibenzofuran	ND		ug/kg	220	20.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	190	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	71.	1
2-Nitrophenol	ND		ug/kg	470	81.	1
4-Nitrophenol	ND		ug/kg	300	88.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	41.	1
Carbazole	ND		ug/kg	220	21.	1
Atrazine	ND		ug/kg	170	76.	1
Benzaldehyde	ND		ug/kg	280	58.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420331

Project Number: 4461.0001B002 **Report Date:** 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-03 Date Collected: 04/12/24 10:40

Client ID: NC EW-3 3-4 Date Received: 04/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	66.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	44.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	85		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-04
Client ID: NC EW-4 3-4
Sample Location: BUFFALO, NY

Date Collected: 04/12/24 10:45
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/14/24 02:34
Analyst: MRG
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 04/13/24 02:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	120	24.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420331

Project Number: 4461.0001B002 **Report Date:** 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-04 Date Collected: 04/12/24 10:45

Client ID: NC EW-4 3-4 Date Received: 04/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	34.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	120	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	79.	1
4-Nitrophenol	ND		ug/kg	290	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	ND		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	280	57.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420331

Project Number: 4461.0001B002 **Report Date:** 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-04 Date Collected: 04/12/24 10:45

Client ID: NC EW-4 3-4 Date Received: 04/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	66		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/13/24 02:45
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 04/12/24 17:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1908165-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420331
Report Date: 04/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/13/24 02:45
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 04/12/24 17:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1908165-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/13/24 02:45
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 04/12/24 17:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1908165-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	99		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420331

Report Date: 04/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1908165-2 WG1908165-3								
Acenaphthene	75		88		31-137	16		50
Hexachlorobenzene	79		92		40-140	15		50
Bis(2-chloroethyl)ether	70		81		40-140	15		50
2-Chloronaphthalene	75		88		40-140	16		50
3,3'-Dichlorobenzidine	74		82		40-140	10		50
2,4-Dinitrotoluene	72		85		40-132	17		50
2,6-Dinitrotoluene	80		96		40-140	18		50
Fluoranthene	81		94		40-140	15		50
4-Chlorophenyl phenyl ether	75		90		40-140	18		50
4-Bromophenyl phenyl ether	77		90		40-140	16		50
Bis(2-chloroisopropyl)ether	66		79		40-140	18		50
Bis(2-chloroethoxy)methane	73		88		40-117	19		50
Hexachlorobutadiene	68		80		40-140	16		50
Hexachlorocyclopentadiene	74		87		40-140	16		50
Hexachloroethane	67		80		40-140	18		50
Isophorone	71		84		40-140	17		50
Naphthalene	71		84		40-140	17		50
Nitrobenzene	69		85		40-140	21		50
NDPA/DPA	78		91		36-157	15		50
n-Nitrosodi-n-propylamine	70		84		32-121	18		50
Bis(2-ethylhexyl)phthalate	86		99		40-140	14		50
Butyl benzyl phthalate	90		105		40-140	15		50
Di-n-butylphthalate	83		95		40-140	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420331

Report Date: 04/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1908165-2 WG1908165-3								
Di-n-octylphthalate	84		98		40-140	15		50
Diethyl phthalate	78		90		40-140	14		50
Dimethyl phthalate	77		91		40-140	17		50
Benzo(a)anthracene	78		91		40-140	15		50
Benzo(a)pyrene	85		99		40-140	15		50
Benzo(b)fluoranthene	84		96		40-140	13		50
Benzo(k)fluoranthene	79		94		40-140	17		50
Chrysene	77		90		40-140	16		50
Acenaphthylene	77		90		40-140	16		50
Anthracene	80		92		40-140	14		50
Benzo(ghi)perylene	81		95		40-140	16		50
Fluorene	76		90		40-140	17		50
Phenanthrene	78		90		40-140	14		50
Dibenzo(a,h)anthracene	82		95		40-140	15		50
Indeno(1,2,3-cd)pyrene	82		96		40-140	16		50
Pyrene	81		94		35-142	15		50
Biphenyl	68		80		37-127	16		50
4-Chloroaniline	51		58		40-140	13		50
2-Nitroaniline	83		99		47-134	18		50
3-Nitroaniline	71		82		26-129	14		50
4-Nitroaniline	80		96		41-125	18		50
Dibenzofuran	75		88		40-140	16		50
2-Methylnaphthalene	76		88		40-140	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420331

Report Date: 04/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1908165-2 WG1908165-3								
1,2,4,5-Tetrachlorobenzene	68		82		40-117	19		50
Acetophenone	66		79		14-144	18		50
2,4,6-Trichlorophenol	82		96		30-130	16		50
p-Chloro-m-cresol	80		94		26-103	16		50
2-Chlorophenol	76		91		25-102	18		50
2,4-Dichlorophenol	79		94		30-130	17		50
2,4-Dimethylphenol	71		86		30-130	19		50
2-Nitrophenol	81		97		30-130	18		50
4-Nitrophenol	80		98		11-114	20		50
2,4-Dinitrophenol	69		86		4-130	22		50
4,6-Dinitro-o-cresol	78		91		10-130	15		50
Pentachlorophenol	72		87		17-109	19		50
Phenol	74		89		26-90	18		50
2-Methylphenol	78		92		30-130.	16		50
3-Methylphenol/4-Methylphenol	78		94		30-130	19		50
2,4,5-Trichlorophenol	81		95		30-130	16		50
Carbazole	80		92		54-128	14		50
Atrazine	73		84		40-140	14		50
Benzaldehyde	58		69		40-140	17		50
Caprolactam	70		86		15-130	21		50
2,3,4,6-Tetrachlorophenol	81		98		40-140	19		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420331

Report Date: 04/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1908165-2 WG1908165-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	76		87		25-120
Phenol-d6	79		93		10-120
Nitrobenzene-d5	72		83		23-120
2-Fluorobiphenyl	74		85		30-120
2,4,6-Tribromophenol	88		101		10-136
4-Terphenyl-d14	79		89		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-01
Client ID: NC B-9 4
Sample Location: BUFFALO, NY
Date Collected: 04/12/24 10:30
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.24		mg/kg	0.920	0.191	2	04/13/24 08:45	04/13/24 20:56	EPA 3050B	1,6010D	JMF
Barium, Total	87.8		mg/kg	0.920	0.160	2	04/13/24 08:45	04/13/24 20:56	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.137	J	mg/kg	0.920	0.090	2	04/13/24 08:45	04/13/24 20:56	EPA 3050B	1,6010D	JMF
Chromium, Total	14.1		mg/kg	0.920	0.088	2	04/13/24 08:45	04/13/24 20:56	EPA 3050B	1,6010D	JMF
Lead, Total	19.1		mg/kg	4.60	0.246	2	04/13/24 08:45	04/13/24 20:56	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.077	0.050	1	04/13/24 09:50	04/15/24 14:11	EPA 7471B	1,7471B	SMV
Selenium, Total	ND		mg/kg	1.84	0.237	2	04/13/24 08:45	04/13/24 20:56	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.460	0.260	2	04/13/24 08:45	04/13/24 20:56	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-02
Client ID: NC B-10 4
Sample Location: BUFFALO, NY
Date Collected: 04/12/24 10:35
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.06		mg/kg	1.01	0.210	2	04/13/24 08:45	04/13/24 21:00	EPA 3050B	1,6010D	JMF
Barium, Total	130		mg/kg	1.01	0.176	2	04/13/24 08:45	04/13/24 21:00	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.112	J	mg/kg	1.01	0.099	2	04/13/24 08:45	04/13/24 21:00	EPA 3050B	1,6010D	JMF
Chromium, Total	21.4		mg/kg	1.01	0.097	2	04/13/24 08:45	04/13/24 21:00	EPA 3050B	1,6010D	JMF
Lead, Total	20.4		mg/kg	5.06	0.271	2	04/13/24 08:45	04/13/24 21:00	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/13/24 09:50	04/15/24 14:21	EPA 7471B	1,7471B	SMV
Selenium, Total	ND		mg/kg	2.02	0.261	2	04/13/24 08:45	04/13/24 21:00	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.506	0.286	2	04/13/24 08:45	04/13/24 21:00	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-03
Client ID: NC EW-3 3-4
Sample Location: BUFFALO, NY
Date Collected: 04/12/24 10:40
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.75		mg/kg	1.03	0.214	2	04/13/24 08:45	04/13/24 21:05	EPA 3050B	1,6010D	JMF
Barium, Total	161		mg/kg	1.03	0.179	2	04/13/24 08:45	04/13/24 21:05	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.125	J	mg/kg	1.03	0.101	2	04/13/24 08:45	04/13/24 21:05	EPA 3050B	1,6010D	JMF
Chromium, Total	26.6		mg/kg	1.03	0.099	2	04/13/24 08:45	04/13/24 21:05	EPA 3050B	1,6010D	JMF
Lead, Total	13.7		mg/kg	5.14	0.275	2	04/13/24 08:45	04/13/24 21:05	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.084	0.055	1	04/13/24 09:50	04/15/24 14:24	EPA 7471B	1,7471B	SMV
Selenium, Total	ND		mg/kg	2.05	0.265	2	04/13/24 08:45	04/13/24 21:05	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.514	0.291	2	04/13/24 08:45	04/13/24 21:05	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420331

Project Number: 4461.0001B002 **Report Date:** 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-04 Date Collected: 04/12/24 10:45

Client ID: NC EW-4 3-4 Date Received: 04/12/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.50		mg/kg	0.996	0.207	2	04/13/24 08:45	04/13/24 21:09	EPA 3050B	1,6010D	JMF
Barium, Total	135		mg/kg	0.996	0.173	2	04/13/24 08:45	04/13/24 21:09	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.154	J	mg/kg	0.996	0.098	2	04/13/24 08:45	04/13/24 21:09	EPA 3050B	1,6010D	JMF
Chromium, Total	22.4		mg/kg	0.996	0.096	2	04/13/24 08:45	04/13/24 21:09	EPA 3050B	1,6010D	JMF
Lead, Total	25.5		mg/kg	4.98	0.267	2	04/13/24 08:45	04/13/24 21:09	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.082	0.053	1	04/13/24 09:50	04/15/24 14:28	EPA 7471B	1,7471B	SMV
Selenium, Total	ND		mg/kg	1.99	0.257	2	04/13/24 08:45	04/13/24 21:09	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.498	0.282	2	04/13/24 08:45	04/13/24 21:09	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420331
Report Date: 04/16/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1908266-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	04/13/24 08:45	04/13/24 17:47	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	04/13/24 08:45	04/13/24 17:47	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/13/24 08:45	04/13/24 17:47	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	04/13/24 08:45	04/13/24 17:47	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	04/13/24 08:45	04/13/24 17:47	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/13/24 08:45	04/13/24 17:47	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	04/13/24 08:45	04/13/24 17:47	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1908277-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/13/24 09:50	04/15/24 13:48	1,7471B	SMV

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420331

Report Date: 04/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1908266-2								
Arsenic, Total	101		-		80-120	-		
Barium, Total	102		-		80-120	-		
Cadmium, Total	101		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Lead, Total	106		-		80-120	-		
Selenium, Total	104		-		80-120	-		
Silver, Total	104		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1908277-2								
Mercury, Total	104		-		72-128	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420331
Report Date: 04/16/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1908266-3 QC Sample: L2420193-01 Client ID: MS Sample												
Arsenic, Total	5.98	11	19.2	120		-	-		75-125	-		20
Barium, Total	22.0	183	202	98		-	-		75-125	-		20
Cadmium, Total	ND	4.85	4.48	92		-	-		75-125	-		20
Chromium, Total	20.7	18.3	40.7	109		-	-		75-125	-		20
Lead, Total	12.6	48.5	65.7	109		-	-		75-125	-		20
Selenium, Total	ND	11	10.9	99		-	-		75-125	-		20
Silver, Total	ND	4.58	4.74	104		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1908277-3 QC Sample: L2420294-01 Client ID: MS Sample												
Mercury, Total	0.198	1.58	1.83	103		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420331
Report Date: 04/16/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1908266-4 QC Sample: L2420193-01 Client ID: DUP Sample						
Arsenic, Total	5.98	6.27	mg/kg	5		20
Barium, Total	22.0	26.4	mg/kg	18		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	20.7	20.8	mg/kg	0		20
Lead, Total	12.6	14.1	mg/kg	11		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1908277-4 QC Sample: L2420294-01 Client ID: DUP Sample						
Mercury, Total	0.198	0.220	mg/kg	11		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-01
Client ID: NC B-9 4
Sample Location: BUFFALO, NY

Date Collected: 04/12/24 10:30
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	04/13/24 03:33	121,2540G	WJM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-02
Client ID: NC B-10 4
Sample Location: BUFFALO, NY

Date Collected: 04/12/24 10:35
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.3		%	0.100	NA	1	-	04/13/24 03:33	121,2540G	WJM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-03
Client ID: NC EW-3 3-4
Sample Location: BUFFALO, NY

Date Collected: 04/12/24 10:40
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.0		%	0.100	NA	1	-	04/13/24 03:33	121,2540G	WJM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420331
Report Date: 04/16/24

SAMPLE RESULTS

Lab ID: L2420331-04
Client ID: NC EW-4 3-4
Sample Location: BUFFALO, NY

Date Collected: 04/12/24 10:45
Date Received: 04/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.9		%	0.100	NA	1	-	04/13/24 03:33	121,2540G	WJM

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420331

Report Date: 04/16/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1908242-1 QC Sample: L2420331-01 Client ID: NC B-9 4						
Solids, Total	81.7	82.3	%	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420331
Report Date: 04/16/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2420331-01A	Glass 60ml unpreserved split	A	NA		3.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2420331-01B	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TS(7)
L2420331-02A	Glass 60ml unpreserved split	A	NA		3.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2420331-02B	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TS(7)
L2420331-03A	Glass 60ml unpreserved split	A	NA		3.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2420331-03B	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TS(7)
L2420331-04A	Glass 60ml unpreserved split	A	NA		3.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2420331-04B	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420331
Project Number:	4461.0001B002	**Report Date:**	04/16/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420331
Project Number:	4461.0001B002	**Report Date:**	04/16/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420331
Project Number:	4461.0001B002	**Report Date:**	04/16/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420331
Project Number:	4461.0001B002	**Report Date:**	04/16/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL LABORATORIES

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 4/13/24

ALPHA Job #: L2420331

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: mmuley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project # 4461.0001B002
(Use Project name as Project #)
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard
Rush (only if pre approved)
Due Date: 2 Day TAT
# of Days:

Deliverables
ASP-A
ASP-B
EQuIS (1 File)
EQuIS (4 File)
Other

Regulatory Requirement
NY TOGS
NY Part 375
AWQ Standards
NY CP-51
NY Restricted Use
Other
NY Unrestricted Use
NYC Sewer Discharge

Billing Information
Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ
NY
Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	Total Bottle	Sample Specific Comments
20531-01	NC B-9 4	4/12/24	1030	Soil	CEH	X	X		
-02	NC B-10 4		1035			X	X		
-03	NC EW-3 3-4		1040			X	X		
-04	NC EW-4 3-4		1045			X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Chester Hochreiter	4/12/24 1515		4/12/24 15:15
	4/12/24 1515		4/13/24 0040

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2420825
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	04/18/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420825
Report Date: 04/18/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2420825-01	HL 1+2 EW-1R 8-10'	SOIL	BUFFALO, NY	04/16/24 14:00	04/16/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420825
Project Number:	4461.0001B002	**Report Date:**	04/18/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420825
Project Number:	4461.0001B002	**Report Date:**	04/18/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2420825-01: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 04/18/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420825
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2420825-01
Client ID: HL 1+2 EW-1R 8-10'
Sample Location: BUFFALO, NY
Date Collected: 04/16/24 14:00
Date Received: 04/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/17/24 14:11
Analyst: AJK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.86	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.86	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.86	0.11	1
Dibromochloromethane	ND		ug/kg	0.86	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.86	0.23	1
Tetrachloroethene	ND		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.86	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	ND		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.86	0.46	1
Ethylbenzene	ND		ug/kg	0.86	0.12	1
Chloromethane	ND		ug/kg	3.4	0.80	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.86	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420825

Project Number: 4461.0001B002 **Report Date:** 04/18/24

SAMPLE RESULTS

Lab ID: L2420825-01 Date Collected: 04/16/24 14:00

Client ID: HL 1+2 EW-1R 8-10' Date Received: 04/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.86	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.15	1
Styrene	ND		ug/kg	0.86	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.78	1
Acetone	5.1	J	ug/kg	8.6	4.1	1
Carbon disulfide	ND		ug/kg	8.6	3.9	1
2-Butanone	ND		ug/kg	8.6	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	1.1	1
2-Hexanone	ND		ug/kg	8.6	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.86	0.24	1
n-Butylbenzene	ND		ug/kg	0.86	0.14	1
sec-Butylbenzene	ND		ug/kg	0.86	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Isopropylbenzene	ND		ug/kg	0.86	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.86	0.09	1
n-Propylbenzene	ND		ug/kg	0.86	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.29	1
Methyl Acetate	ND		ug/kg	3.4	0.82	1
Cyclohexane	ND		ug/kg	8.6	0.47	1
1,4-Dioxane	ND		ug/kg	69	30.	1
Freon-113	ND		ug/kg	3.4	0.59	1
Methyl cyclohexane	ND		ug/kg	3.4	0.52	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420825

Project Number: 4461.0001B002 **Report Date:** 04/18/24

SAMPLE RESULTS

Lab ID: L2420825-01 Date Collected: 04/16/24 14:00

Client ID: HL 1+2 EW-1R 8-10' Date Received: 04/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	108		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420825

Project Number: 4461.0001B002 **Report Date:** 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/17/24 10:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1909808-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420825

Project Number: 4461.0001B002 **Report Date:** 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/17/24 10:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1909808-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420825

Project Number: 4461.0001B002 **Report Date:** 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/17/24 10:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1909808-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420825

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1909808-3 WG1909808-4								
Methylene chloride	84		86		70-130	2		30
1,1-Dichloroethane	97		96		70-130	1		30
Chloroform	94		94		70-130	0		30
Carbon tetrachloride	95		94		70-130	1		30
1,2-Dichloropropane	95		95		70-130	0		30
Dibromochloromethane	91		92		70-130	1		30
1,1,2-Trichloroethane	92		94		70-130	2		30
Tetrachloroethene	89		88		70-130	1		30
Chlorobenzene	92		92		70-130	0		30
Trichlorofluoromethane	105		103		70-139	2		30
1,2-Dichloroethane	97		97		70-130	0		30
1,1,1-Trichloroethane	98		97		70-130	1		30
Bromodichloromethane	94		95		70-130	1		30
trans-1,3-Dichloropropene	94		95		70-130	1		30
cis-1,3-Dichloropropene	94		95		70-130	1		30
Bromoform	86		87		70-130	1		30
1,1,2,2-Tetrachloroethane	90		90		70-130	0		30
Benzene	92		92		70-130	0		30
Toluene	91		90		70-130	1		30
Ethylbenzene	94		92		70-130	2		30
Chloromethane	107		104		52-130	3		30
Bromomethane	120		117		57-147	3		30
Vinyl chloride	109		107		67-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420825

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1909808-3 WG1909808-4								
Chloroethane	96		96		50-151	0		30
1,1-Dichloroethene	100		99		65-135	1		30
trans-1,2-Dichloroethene	94		92		70-130	2		30
Trichloroethene	93		93		70-130	0		30
1,2-Dichlorobenzene	94		94		70-130	0		30
1,3-Dichlorobenzene	96		96		70-130	0		30
1,4-Dichlorobenzene	95		95		70-130	0		30
Methyl tert butyl ether	90		91		66-130	1		30
p/m-Xylene	96		95		70-130	1		30
o-Xylene	95		94		70-130	1		30
cis-1,2-Dichloroethene	91		90		70-130	1		30
Styrene	96		96		70-130	0		30
Dichlorodifluoromethane	133		128		30-146	4		30
Acetone	94		99		54-140	5		30
Carbon disulfide	95		94		59-130	1		30
2-Butanone	92		92		70-130	0		30
4-Methyl-2-pentanone	83		87		70-130	5		30
2-Hexanone	76		76		70-130	0		30
Bromochloromethane	89		91		70-130	2		30
1,2-Dibromoethane	92		94		70-130	2		30
n-Butylbenzene	102		100		70-130	2		30
sec-Butylbenzene	96		94		70-130	2		30
1,2-Dibromo-3-chloropropane	84		84		68-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420825

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1909808-3 WG1909808-4								
Isopropylbenzene	94		93		70-130	1		30
p-Isopropyltoluene	93		91		70-130	2		30
n-Propylbenzene	98		96		70-130	2		30
1,2,3-Trichlorobenzene	92		93		70-130	1		30
1,2,4-Trichlorobenzene	98		98		70-130	0		30
1,3,5-Trimethylbenzene	94		92		70-130	2		30
1,2,4-Trimethylbenzene	92		92		70-130	0		30
Methyl Acetate	91		91		51-146	0		30
Cyclohexane	100		98		59-142	2		30
1,4-Dioxane	81		85		65-136	5		30
Freon-113	100		99		50-139	1		30
Methyl cyclohexane	90		90		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		104		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	100		99		70-130

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420825
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2420825-01
Client ID: HL 1+2 EW-1R 8-10'
Sample Location: BUFFALO, NY

Date Collected: 04/16/24 14:00
Date Received: 04/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	04/17/24 10:20	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420825

Report Date: 04/18/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1909598-1 QC Sample: L2420751-01 Client ID: DUP Sample						
Solids, Total	77.2	78.4	%	2		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420825
Report Date: 04/18/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2420825-01A	Vial Large Septa unpreserved (4oz)	A	NA		2.7	Y	Absent		NYTCL-8260-R2(14),TS(7)
L2420825-01X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		NYTCL-8260-R2(14)
L2420825-01Y	Vial Water preserved split	A	NA		2.7	Y	Absent	17-APR-24 06:43	NYTCL-8260-R2(14)
L2420825-01Z	Vial Water preserved split	A	NA		2.7	Y	Absent	17-APR-24 06:43	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420825
Project Number:	4461.0001B002	**Report Date:**	04/18/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420825
Project Number:	4461.0001B002	**Report Date:**	04/18/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420825
Project Number:	4461.0001B002	**Report Date:**	04/18/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420825
Project Number:	4461.0001B002	**Report Date:**	04/18/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 4/17/24

ALPHA Job #: L2420825

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL + CP-51 VOCs	Total Bottle	Sample Specific Comments
20825-01	HL 1+2 EW-1R 8-10'	4-16-24	1400	Soil	CEH	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Chester Hochreiter	4-16-24/1600		
	4/16/24 16a		4/17/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2420825
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	04/18/24

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508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420825
Report Date: 04/18/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2420825-01	HL 1+2 EW-1R 8-10'	SOIL	BUFFALO, NY	04/16/24 14:00	04/16/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420825
Project Number:	4461.0001B002	**Report Date:**	04/18/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420825
Project Number:	4461.0001B002	**Report Date:**	04/18/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2420825-01: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 04/18/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420825
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2420825-01
Client ID: HL 1+2 EW-1R 8-10'
Sample Location: BUFFALO, NY
Date Collected: 04/16/24 14:00
Date Received: 04/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/17/24 14:11
Analyst: AJK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.86	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.86	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.86	0.11	1
Dibromochloromethane	ND		ug/kg	0.86	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.86	0.23	1
Tetrachloroethene	ND		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.86	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	ND		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.86	0.46	1
Ethylbenzene	ND		ug/kg	0.86	0.12	1
Chloromethane	ND		ug/kg	3.4	0.80	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.86	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420825

Project Number: 4461.0001B002 **Report Date:** 04/18/24

SAMPLE RESULTS

Lab ID: L2420825-01 Date Collected: 04/16/24 14:00

Client ID: HL 1+2 EW-1R 8-10' Date Received: 04/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.86	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.15	1
Styrene	ND		ug/kg	0.86	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.78	1
Acetone	5.1	J	ug/kg	8.6	4.1	1
Carbon disulfide	ND		ug/kg	8.6	3.9	1
2-Butanone	ND		ug/kg	8.6	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	1.1	1
2-Hexanone	ND		ug/kg	8.6	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.86	0.24	1
n-Butylbenzene	ND		ug/kg	0.86	0.14	1
sec-Butylbenzene	ND		ug/kg	0.86	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Isopropylbenzene	ND		ug/kg	0.86	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.86	0.09	1
n-Propylbenzene	ND		ug/kg	0.86	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.29	1
Methyl Acetate	ND		ug/kg	3.4	0.82	1
Cyclohexane	ND		ug/kg	8.6	0.47	1
1,4-Dioxane	ND		ug/kg	69	30.	1
Freon-113	ND		ug/kg	3.4	0.59	1
Methyl cyclohexane	ND		ug/kg	3.4	0.52	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420825

Project Number: 4461.0001B002 **Report Date:** 04/18/24

SAMPLE RESULTS

Lab ID: L2420825-01 Date Collected: 04/16/24 14:00

Client ID: HL 1+2 EW-1R 8-10' Date Received: 04/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	108		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420825

Project Number: 4461.0001B002 **Report Date:** 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/17/24 10:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1909808-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420825

Project Number: 4461.0001B002 **Report Date:** 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/17/24 10:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1909808-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420825

Project Number: 4461.0001B002 **Report Date:** 04/18/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/17/24 10:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1909808-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420825

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1909808-3 WG1909808-4								
Methylene chloride	84		86		70-130	2		30
1,1-Dichloroethane	97		96		70-130	1		30
Chloroform	94		94		70-130	0		30
Carbon tetrachloride	95		94		70-130	1		30
1,2-Dichloropropane	95		95		70-130	0		30
Dibromochloromethane	91		92		70-130	1		30
1,1,2-Trichloroethane	92		94		70-130	2		30
Tetrachloroethene	89		88		70-130	1		30
Chlorobenzene	92		92		70-130	0		30
Trichlorofluoromethane	105		103		70-139	2		30
1,2-Dichloroethane	97		97		70-130	0		30
1,1,1-Trichloroethane	98		97		70-130	1		30
Bromodichloromethane	94		95		70-130	1		30
trans-1,3-Dichloropropene	94		95		70-130	1		30
cis-1,3-Dichloropropene	94		95		70-130	1		30
Bromoform	86		87		70-130	1		30
1,1,2,2-Tetrachloroethane	90		90		70-130	0		30
Benzene	92		92		70-130	0		30
Toluene	91		90		70-130	1		30
Ethylbenzene	94		92		70-130	2		30
Chloromethane	107		104		52-130	3		30
Bromomethane	120		117		57-147	3		30
Vinyl chloride	109		107		67-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420825

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1909808-3 WG1909808-4								
Chloroethane	96		96		50-151	0		30
1,1-Dichloroethene	100		99		65-135	1		30
trans-1,2-Dichloroethene	94		92		70-130	2		30
Trichloroethene	93		93		70-130	0		30
1,2-Dichlorobenzene	94		94		70-130	0		30
1,3-Dichlorobenzene	96		96		70-130	0		30
1,4-Dichlorobenzene	95		95		70-130	0		30
Methyl tert butyl ether	90		91		66-130	1		30
p/m-Xylene	96		95		70-130	1		30
o-Xylene	95		94		70-130	1		30
cis-1,2-Dichloroethene	91		90		70-130	1		30
Styrene	96		96		70-130	0		30
Dichlorodifluoromethane	133		128		30-146	4		30
Acetone	94		99		54-140	5		30
Carbon disulfide	95		94		59-130	1		30
2-Butanone	92		92		70-130	0		30
4-Methyl-2-pentanone	83		87		70-130	5		30
2-Hexanone	76		76		70-130	0		30
Bromochloromethane	89		91		70-130	2		30
1,2-Dibromoethane	92		94		70-130	2		30
n-Butylbenzene	102		100		70-130	2		30
sec-Butylbenzene	96		94		70-130	2		30
1,2-Dibromo-3-chloropropane	84		84		68-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420825

Report Date: 04/18/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1909808-3 WG1909808-4								
Isopropylbenzene	94		93		70-130	1		30
p-Isopropyltoluene	93		91		70-130	2		30
n-Propylbenzene	98		96		70-130	2		30
1,2,3-Trichlorobenzene	92		93		70-130	1		30
1,2,4-Trichlorobenzene	98		98		70-130	0		30
1,3,5-Trimethylbenzene	94		92		70-130	2		30
1,2,4-Trimethylbenzene	92		92		70-130	0		30
Methyl Acetate	91		91		51-146	0		30
Cyclohexane	100		98		59-142	2		30
1,4-Dioxane	81		85		65-136	5		30
Freon-113	100		99		50-139	1		30
Methyl cyclohexane	90		90		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		104		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	100		99		70-130

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420825
Report Date: 04/18/24

SAMPLE RESULTS

Lab ID: L2420825-01
Client ID: HL 1+2 EW-1R 8-10'
Sample Location: BUFFALO, NY

Date Collected: 04/16/24 14:00
Date Received: 04/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	04/17/24 10:20	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420825

Report Date: 04/18/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1909598-1 QC Sample: L2420751-01 Client ID: DUP Sample						
Solids, Total	77.2	78.4	%	2		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420825
Report Date: 04/18/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2420825-01A	Vial Large Septa unpreserved (4oz)	A	NA		2.7	Y	Absent		NYTCL-8260-R2(14),TS(7)
L2420825-01X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		NYTCL-8260-R2(14)
L2420825-01Y	Vial Water preserved split	A	NA		2.7	Y	Absent	17-APR-24 06:43	NYTCL-8260-R2(14)
L2420825-01Z	Vial Water preserved split	A	NA		2.7	Y	Absent	17-APR-24 06:43	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420825
Project Number:	4461.0001B002	**Report Date:**	04/18/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420825
Project Number:	4461.0001B002	**Report Date:**	04/18/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420825
Project Number:	4461.0001B002	**Report Date:**	04/18/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420825
Project Number:	4461.0001B002	**Report Date:**	04/18/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 4/17/24

ALPHA Job #: L2420825

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL + CP-51 VOCs	Total Bottle	Sample Specific Comments
20825-01	HL 1+2 EW-1R 8-10'	4-16-24	1400	Soil	CEH	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Chester Hochreiter	4-16-24/1600		
	4/16/24 16a		4/17/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2420829
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	04/23/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420829
Report Date: 04/23/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2420829-01	TANK 1 SW-1 13-15	SOIL	BUFFALO, NY	04/16/24 13:35	04/16/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420829
Project Number:	4461.0001B002	**Report Date:**	04/23/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420829
Project Number:	4461.0001B002	**Report Date:**	04/23/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2420829-01: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2420829-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 04/23/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420829
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2420829-01
Client ID: TANK 1 SW-1 13-15
Sample Location: BUFFALO, NY

Date Collected: 04/16/24 13:35
Date Received: 04/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/19/24 11:31
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420829

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2420829-01 Date Collected: 04/16/24 13:35

Client ID: TANK 1 SW-1 13-15 Date Received: 04/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
Methyl Acetate	ND		ug/kg	4.2	0.99	1
Cyclohexane	ND		ug/kg	10	0.56	1
1,4-Dioxane	ND		ug/kg	83	36.	1
Freon-113	ND		ug/kg	4.2	0.72	1
Methyl cyclohexane	ND		ug/kg	4.2	0.63	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420829

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2420829-01 Date Collected: 04/16/24 13:35

Client ID: TANK 1 SW-1 13-15 Date Received: 04/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420829

Project Number: 4461.0001B002 **Report Date:** 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/19/24 09:51
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1911521-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420829

Project Number: 4461.0001B002 **Report Date:** 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/19/24 09:51
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1911521-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420829

Project Number: 4461.0001B002 **Report Date:** 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/19/24 09:51
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1911521-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420829
Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1911521-3 WG1911521-4								
Methylene chloride	87		84		70-130	4		30
1,1-Dichloroethane	93		89		70-130	4		30
Chloroform	90		88		70-130	2		30
Carbon tetrachloride	90		88		70-130	2		30
1,2-Dichloropropane	91		91		70-130	0		30
Dibromochloromethane	92		94		70-130	2		30
1,1,2-Trichloroethane	90		91		70-130	1		30
Tetrachloroethene	93		93		70-130	0		30
Chlorobenzene	93		94		70-130	1		30
Trichlorofluoromethane	94		85		70-139	10		30
1,2-Dichloroethane	88		89		70-130	1		30
1,1,1-Trichloroethane	93		91		70-130	2		30
Bromodichloromethane	87		87		70-130	0		30
trans-1,3-Dichloropropene	96		96		70-130	0		30
cis-1,3-Dichloropropene	92		93		70-130	1		30
Bromoform	93		90		70-130	3		30
1,1,2,2-Tetrachloroethane	88		91		70-130	3		30
Benzene	92		91		70-130	1		30
Toluene	92		92		70-130	0		30
Ethylbenzene	91		91		70-130	0		30
Chloromethane	87		79		52-130	10		30
Bromomethane	100		91		57-147	9		30
Vinyl chloride	89		83		67-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420829

Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1911521-3 WG1911521-4								
Chloroethane	94		86		50-151	9		30
1,1-Dichloroethene	94		89		65-135	5		30
trans-1,2-Dichloroethene	94		91		70-130	3		30
Trichloroethene	88		88		70-130	0		30
1,2-Dichlorobenzene	98		96		70-130	2		30
1,3-Dichlorobenzene	99		99		70-130	0		30
1,4-Dichlorobenzene	97		94		70-130	3		30
Methyl tert butyl ether	91		89		66-130	2		30
p/m-Xylene	95		96		70-130	1		30
o-Xylene	96		95		70-130	1		30
cis-1,2-Dichloroethene	90		91		70-130	1		30
Styrene	96		95		70-130	1		30
Dichlorodifluoromethane	71		64		30-146	10		30
Acetone	100		93		54-140	7		30
Carbon disulfide	93		84		59-130	10		30
2-Butanone	85		82		70-130	4		30
4-Methyl-2-pentanone	91		92		70-130	1		30
2-Hexanone	82		89		70-130	8		30
Bromochloromethane	92		91		70-130	1		30
1,2-Dibromoethane	89		92		70-130	3		30
n-Butylbenzene	101		98		70-130	3		30
sec-Butylbenzene	94		94		70-130	0		30
1,2-Dibromo-3-chloropropane	86		87		68-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420829

Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1911521-3 WG1911521-4								
Isopropylbenzene	96		93		70-130	3		30
p-Isopropyltoluene	100		96		70-130	4		30
n-Propylbenzene	90		96		70-130	6		30
1,2,3-Trichlorobenzene	100		100		70-130	0		30
1,2,4-Trichlorobenzene	111		108		70-130	3		30
1,3,5-Trimethylbenzene	95		95		70-130	0		30
1,2,4-Trimethylbenzene	96		96		70-130	0		30
Methyl Acetate	86		84		51-146	2		30
Cyclohexane	90		86		59-142	5		30
1,4-Dioxane	94		96		65-136	2		30
Freon-113	92		88		50-139	4		30
Methyl cyclohexane	89		87		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		93		70-130
Toluene-d8	101		99		70-130
4-Bromofluorobenzene	90		99		70-130
Dibromofluoromethane	102		99		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420829
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2420829-01
Client ID: TANK 1 SW-1 13-15
Sample Location: BUFFALO, NY

Date Collected: 04/16/24 13:35
Date Received: 04/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/21/24 17:30
Analyst: MRG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/20/24 08:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420829

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2420829-01 Date Collected: 04/16/24 13:35

Client ID: TANK 1 SW-1 13-15 Date Received: 04/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420829

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2420829-01 Date Collected: 04/16/24 13:35

Client ID: TANK 1 SW-1 13-15 Date Received: 04/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
Total TIC Compounds	499	J	ug/kg			1
Unknown Alcohol	342	J	ug/kg			1
Unknown Organic Acid	157	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	65		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420829
Report Date: 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/20/24 08:51
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 04/19/24 11:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1910799-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420829
Report Date: 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/20/24 08:51
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 04/19/24 11:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1910799-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420829
Report Date: 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/20/24 08:51
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 04/19/24 11:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1910799-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	72		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420829

Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1910799-2 WG1910799-3								
Acenaphthene	65		69		31-137	6		50
Hexachlorobenzene	80		84		40-140	5		50
Bis(2-chloroethyl)ether	58		60		40-140	3		50
2-Chloronaphthalene	68		71		40-140	4		50
3,3'-Dichlorobenzidine	51		53		40-140	4		50
2,4-Dinitrotoluene	76		82		40-132	8		50
2,6-Dinitrotoluene	80		86		40-140	7		50
Fluoranthene	70		74		40-140	6		50
4-Chlorophenyl phenyl ether	69		72		40-140	4		50
4-Bromophenyl phenyl ether	75		79		40-140	5		50
Bis(2-chloroisopropyl)ether	48		49		40-140	2		50
Bis(2-chloroethoxy)methane	61		63		40-117	3		50
Hexachlorobutadiene	72		74		40-140	3		50
Hexachlorocyclopentadiene	99		105		40-140	6		50
Hexachloroethane	65		65		40-140	0		50
Isophorone	60		62		40-140	3		50
Naphthalene	62		64		40-140	3		50
Nitrobenzene	61		62		40-140	2		50
NDPA/DPA	68		72		36-157	6		50
n-Nitrosodi-n-propylamine	58		61		32-121	5		50
Bis(2-ethylhexyl)phthalate	72		76		40-140	5		50
Butyl benzyl phthalate	81		85		40-140	5		50
Di-n-butylphthalate	71		74		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420829

Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1910799-2 WG1910799-3								
Di-n-octylphthalate	77		81		40-140	5		50
Diethyl phthalate	69		73		40-140	6		50
Dimethyl phthalate	71		75		40-140	5		50
Benzo(a)anthracene	64		67		40-140	5		50
Benzo(a)pyrene	74		78		40-140	5		50
Benzo(b)fluoranthene	71		74		40-140	4		50
Benzo(k)fluoranthene	73		77		40-140	5		50
Chrysene	65		67		40-140	3		50
Acenaphthylene	67		69		40-140	3		50
Anthracene	68		70		40-140	3		50
Benzo(ghi)perylene	69		73		40-140	6		50
Fluorene	68		70		40-140	3		50
Phenanthrene	64		68		40-140	6		50
Dibenzo(a,h)anthracene	68		73		40-140	7		50
Indeno(1,2,3-cd)pyrene	68		74		40-140	8		50
Pyrene	70		74		35-142	6		50
Biphenyl	62		65		37-127	5		50
4-Chloroaniline	58		58		40-140	0		50
2-Nitroaniline	82		86		47-134	5		50
3-Nitroaniline	57		59		26-129	3		50
4-Nitroaniline	65		70		41-125	7		50
Dibenzofuran	66		69		40-140	4		50
2-Methylnaphthalene	67		70		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420829
Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1910799-2 WG1910799-3								
1,2,4,5-Tetrachlorobenzene	66		68		40-117	3		50
Acetophenone	58		60		14-144	3		50
2,4,6-Trichlorophenol	77		82		30-130	6		50
p-Chloro-m-cresol	69		73		26-103	6		50
2-Chlorophenol	66		68		25-102	3		50
2,4-Dichlorophenol	71		74		30-130	4		50
2,4-Dimethylphenol	79		82		30-130	4		50
2-Nitrophenol	81		84		30-130	4		50
4-Nitrophenol	69		71		11-114	3		50
2,4-Dinitrophenol	82		79		4-130	4		50
4,6-Dinitro-o-cresol	89		92		10-130	3		50
Pentachlorophenol	86		90		17-109	5		50
Phenol	56		59		26-90	5		50
2-Methylphenol	64		68		30-130.	6		50
3-Methylphenol/4-Methylphenol	64		68		30-130	6		50
2,4,5-Trichlorophenol	78		83		30-130	6		50
Carbazole	65		69		54-128	6		50
Atrazine	66		71		40-140	7		50
Benzaldehyde	57		59		40-140	3		50
Caprolactam	56		58		15-130	4		50
2,3,4,6-Tetrachlorophenol	77		82		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420829

Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1910799-2 WG1910799-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		65		25-120
Phenol-d6	62		64		10-120
Nitrobenzene-d5	61		65		23-120
2-Fluorobiphenyl	67		71		30-120
2,4,6-Tribromophenol	92		94		10-136
4-Terphenyl-d14	71		76		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420829
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2420829-01
Client ID: TANK 1 SW-1 13-15
Sample Location: BUFFALO, NY
Date Collected: 04/16/24 13:35
Date Received: 04/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7070		mg/kg	8.94	2.41	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Antimony, Total	0.392	J	mg/kg	4.47	0.340	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.86		mg/kg	0.894	0.186	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Barium, Total	64.7		mg/kg	0.894	0.156	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.327	J	mg/kg	0.447	0.030	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.173	J	mg/kg	0.894	0.088	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Calcium, Total	69600		mg/kg	8.94	3.13	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Chromium, Total	10.8		mg/kg	0.894	0.086	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.62		mg/kg	1.79	0.148	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Copper, Total	14.9		mg/kg	0.894	0.230	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Iron, Total	15000		mg/kg	4.47	0.807	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Lead, Total	14.7		mg/kg	4.47	0.240	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Magnesium, Total	25200		mg/kg	8.94	1.38	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Manganese, Total	450		mg/kg	0.894	0.142	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.088	0.058	1	04/17/24 17:00	04/22/24 10:15	EPA 7471B	1,7471B	MJR
Nickel, Total	13.3		mg/kg	2.23	0.216	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Potassium, Total	1250		mg/kg	223	12.9	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.79	0.230	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.447	0.253	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Sodium, Total	223		mg/kg	179	2.82	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.79	0.282	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Vanadium, Total	17.5		mg/kg	0.894	0.181	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Zinc, Total	64.8		mg/kg	4.47	0.262	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420829

Project Number: 4461.0001B002 **Report Date:** 04/23/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1909860-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Arsenic, Total	0.150	J	mg/kg	0.400	0.083	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Iron, Total	0.779	J	mg/kg	2.00	0.361	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Selenium, Total	0.188	J	mg/kg	0.800	0.103	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1909863-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/17/24 17:00	04/18/24 09:40	1,7471B	MJR

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420829
Report Date: 04/23/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420829

Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1909860-2								
Aluminum, Total	97		-		80-120	-		
Antimony, Total	101		-		80-120	-		
Arsenic, Total	100		-		80-120	-		
Barium, Total	100		-		80-120	-		
Beryllium, Total	102		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Calcium, Total	101		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	101		-		80-120	-		
Copper, Total	102		-		80-120	-		
Iron, Total	102		-		80-120	-		
Lead, Total	101		-		80-120	-		
Magnesium, Total	99		-		80-120	-		
Manganese, Total	102		-		80-120	-		
Nickel, Total	101		-		80-120	-		
Potassium, Total	101		-		80-120	-		
Selenium, Total	100		-		80-120	-		
Silver, Total	100		-		80-120	-		
Sodium, Total	101		-		80-120	-		
Thallium, Total	99		-		80-120	-		
Vanadium, Total	102		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420829

Report Date: 04/23/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1909860-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1909863-2					
Mercury, Total	105	-	72-128	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420829
Report Date: 04/23/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909860-3 QC Sample: L2420814-01 Client ID: MS Sample												
Aluminum, Total	4260	166	4490	**138**	Q	-	-		75-125	-		20
Antimony, Total	2.20J	41.5	41.1	99		-	-		75-125	-		20
Arsenic, Total	3.90	9.96	14.5	106		-	-		75-125	-		20
Barium, Total	36.4	166	204	101		-	-		75-125	-		20
Beryllium, Total	0.215J	4.15	4.38	106		-	-		75-125	-		20
Cadmium, Total	0.092J	4.4	4.02	91		-	-		75-125	-		20
Calcium, Total	10500	830	39200	**3460**	Q	-	-		75-125	-		20
Chromium, Total	38.3	16.6	59.2	**126**	Q	-	-		75-125	-		20
Cobalt, Total	6.56	41.5	44.4	91		-	-		75-125	-		20
Copper, Total	81.1	20.8	174	**448**	Q	-	-		75-125	-		20
Iron, Total	15300	83	15100	**0**	Q	-	-		75-125	-		20
Lead, Total	60.9	44	98.1	84		-	-		75-125	-		20
Magnesium, Total	6190	830	23400	**2070**	Q	-	-		75-125	-		20
Manganese, Total	156	41.5	216	**144**	Q	-	-		75-125	-		20
Nickel, Total	15.6	41.5	52.1	88		-	-		75-125	-		20
Potassium, Total	508	830	1490	118		-	-		75-125	-		20
Selenium, Total	0.299J	9.96	10.0	100		-	-		75-125	-		20
Silver, Total	ND	4.15	4.49	108		-	-		75-125	-		20
Sodium, Total	332	830	1250	110		-	-		75-125	-		20
Thallium, Total	0.288J	9.96	9.56	96		-	-		75-125	-		20
Vanadium, Total	37.9	41.5	82.8	108		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420829
Report Date: 04/23/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909860-3 QC Sample: L2420814-01 Client ID: MS Sample									
Zinc, Total	58.0	41.5	105	113	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909863-3 QC Sample: L2420527-04 Client ID: MS Sample									
Mercury, Total	0.576	1.99	2.57	100	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420829
Report Date: 04/23/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909860-4 QC Sample: L2420814-01 Client ID: DUP Sample						
Arsenic, Total	3.90	3.82	mg/kg	2		20
Barium, Total	36.4	38.8	mg/kg	6		20
Cadmium, Total	0.092J	0.176J	mg/kg	NC		20
Chromium, Total	38.3	48.9	mg/kg	**24**	Q	20
Lead, Total	60.9	52.6	mg/kg	15		20
Selenium, Total	0.299J	0.320J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909863-4 QC Sample: L2420527-04 Client ID: DUP Sample						
Mercury, Total	0.576	0.443	mg/kg	**26**	Q	20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2420829
Report Date: 04/23/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909860-6 QC Sample: L2420814-01 Client ID: DUP Sample						
Barium, Total	36.4	36.3	mg/kg	0		20
Chromium, Total	38.3	40.0	mg/kg	4		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420829
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2420829-01
Client ID: TANK 1 SW-1 13-15
Sample Location: BUFFALO, NY

Date Collected: 04/16/24 13:35
Date Received: 04/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	04/17/24 10:55	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420829

Report Date: 04/23/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1909631-1 QC Sample: L2420803-01 Client ID: DUP Sample						
Solids, Total	87.1	86.1	%	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420829
Report Date: 04/23/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2420829-01A	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2420829-01B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L2420829-01C	Vial Large Septa unpreserved (4oz)	A	NA		2.7	Y	Absent		NYTCL-8260-R2(14)
L2420829-01X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		NYTCL-8260-R2(14)
L2420829-01Y	Vial Water preserved split	A	NA		2.7	Y	Absent	18-APR-24 08:11	NYTCL-8260-R2(14)
L2420829-01Z	Vial Water preserved split	A	NA		2.7	Y	Absent	18-APR-24 08:11	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420829
Project Number:	4461.0001B002	**Report Date:**	04/23/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420829
Project Number:	4461.0001B002	**Report Date:**	04/23/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420829
Project Number:	4461.0001B002	**Report Date:**	04/23/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420829
Project Number:	4461.0001B002	**Report Date:**	04/23/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 4/17/24

ALPHA Job #: L2420829

Client Information
Client: Roux
Address: 3558 Hamburg Turnpike
Buffalo, NY
Phone: 716-856-0599
Fax:
Email: mmunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+CP-51 VOCs	TCL SVOCs	TAL Metals	Total Bottle	Sample Specific Comments
20829-01	Tank 1 Sw-1 13-15	4-16-24	1335	Soil	CEH	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Chester Hochester	4-16-24/1600		
	4/16/24/1600		4/16/24 1600
			4/17/24 0830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2420829
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	04/23/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420829
Report Date: 04/23/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2420829-01	TANK 1 SW-1 13-15	SOIL	BUFFALO, NY	04/16/24 13:35	04/16/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420829
Project Number:	4461.0001B002	**Report Date:**	04/23/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420829
Project Number:	4461.0001B002	**Report Date:**	04/23/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2420829-01: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2420829-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 04/23/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420829
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2420829-01
Client ID: TANK 1 SW-1 13-15
Sample Location: BUFFALO, NY

Date Collected: 04/16/24 13:35
Date Received: 04/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/19/24 11:31
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420829

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2420829-01 Date Collected: 04/16/24 13:35

Client ID: TANK 1 SW-1 13-15 Date Received: 04/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
Methyl Acetate	ND		ug/kg	4.2	0.99	1
Cyclohexane	ND		ug/kg	10	0.56	1
1,4-Dioxane	ND		ug/kg	83	36.	1
Freon-113	ND		ug/kg	4.2	0.72	1
Methyl cyclohexane	ND		ug/kg	4.2	0.63	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420829

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2420829-01 Date Collected: 04/16/24 13:35

Client ID: TANK 1 SW-1 13-15 Date Received: 04/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420829

Project Number: 4461.0001B002 **Report Date:** 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/19/24 09:51
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1911521-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420829

Project Number: 4461.0001B002 **Report Date:** 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/19/24 09:51
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1911521-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420829

Project Number: 4461.0001B002 **Report Date:** 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/19/24 09:51
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1911521-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420829
Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1911521-3 WG1911521-4								
Methylene chloride	87		84		70-130	4		30
1,1-Dichloroethane	93		89		70-130	4		30
Chloroform	90		88		70-130	2		30
Carbon tetrachloride	90		88		70-130	2		30
1,2-Dichloropropane	91		91		70-130	0		30
Dibromochloromethane	92		94		70-130	2		30
1,1,2-Trichloroethane	90		91		70-130	1		30
Tetrachloroethene	93		93		70-130	0		30
Chlorobenzene	93		94		70-130	1		30
Trichlorofluoromethane	94		85		70-139	10		30
1,2-Dichloroethane	88		89		70-130	1		30
1,1,1-Trichloroethane	93		91		70-130	2		30
Bromodichloromethane	87		87		70-130	0		30
trans-1,3-Dichloropropene	96		96		70-130	0		30
cis-1,3-Dichloropropene	92		93		70-130	1		30
Bromoform	93		90		70-130	3		30
1,1,2,2-Tetrachloroethane	88		91		70-130	3		30
Benzene	92		91		70-130	1		30
Toluene	92		92		70-130	0		30
Ethylbenzene	91		91		70-130	0		30
Chloromethane	87		79		52-130	10		30
Bromomethane	100		91		57-147	9		30
Vinyl chloride	89		83		67-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420829

Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1911521-3 WG1911521-4								
Chloroethane	94		86		50-151	9		30
1,1-Dichloroethene	94		89		65-135	5		30
trans-1,2-Dichloroethene	94		91		70-130	3		30
Trichloroethene	88		88		70-130	0		30
1,2-Dichlorobenzene	98		96		70-130	2		30
1,3-Dichlorobenzene	99		99		70-130	0		30
1,4-Dichlorobenzene	97		94		70-130	3		30
Methyl tert butyl ether	91		89		66-130	2		30
p/m-Xylene	95		96		70-130	1		30
o-Xylene	96		95		70-130	1		30
cis-1,2-Dichloroethene	90		91		70-130	1		30
Styrene	96		95		70-130	1		30
Dichlorodifluoromethane	71		64		30-146	10		30
Acetone	100		93		54-140	7		30
Carbon disulfide	93		84		59-130	10		30
2-Butanone	85		82		70-130	4		30
4-Methyl-2-pentanone	91		92		70-130	1		30
2-Hexanone	82		89		70-130	8		30
Bromochloromethane	92		91		70-130	1		30
1,2-Dibromoethane	89		92		70-130	3		30
n-Butylbenzene	101		98		70-130	3		30
sec-Butylbenzene	94		94		70-130	0		30
1,2-Dibromo-3-chloropropane	86		87		68-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420829

Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1911521-3 WG1911521-4								
Isopropylbenzene	96		93		70-130	3		30
p-Isopropyltoluene	100		96		70-130	4		30
n-Propylbenzene	90		96		70-130	6		30
1,2,3-Trichlorobenzene	100		100		70-130	0		30
1,2,4-Trichlorobenzene	111		108		70-130	3		30
1,3,5-Trimethylbenzene	95		95		70-130	0		30
1,2,4-Trimethylbenzene	96		96		70-130	0		30
Methyl Acetate	86		84		51-146	2		30
Cyclohexane	90		86		59-142	5		30
1,4-Dioxane	94		96		65-136	2		30
Freon-113	92		88		50-139	4		30
Methyl cyclohexane	89		87		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		93		70-130
Toluene-d8	101		99		70-130
4-Bromofluorobenzene	90		99		70-130
Dibromofluoromethane	102		99		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420829
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2420829-01
Client ID: TANK 1 SW-1 13-15
Sample Location: BUFFALO, NY

Date Collected: 04/16/24 13:35
Date Received: 04/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/21/24 17:30
Analyst: MRG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/20/24 08:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420829

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2420829-01 Date Collected: 04/16/24 13:35

Client ID: TANK 1 SW-1 13-15 Date Received: 04/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420829

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2420829-01 Date Collected: 04/16/24 13:35

Client ID: TANK 1 SW-1 13-15 Date Received: 04/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
Total TIC Compounds	499	J	ug/kg			1
Unknown Alcohol	342	J	ug/kg			1
Unknown Organic Acid	157	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	65		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420829
Report Date: 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/20/24 08:51
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 04/19/24 11:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1910799-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420829
Report Date: 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/20/24 08:51
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 04/19/24 11:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1910799-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420829
Report Date: 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/20/24 08:51
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 04/19/24 11:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1910799-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	72		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420829

Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1910799-2 WG1910799-3								
Acenaphthene	65		69		31-137	6		50
Hexachlorobenzene	80		84		40-140	5		50
Bis(2-chloroethyl)ether	58		60		40-140	3		50
2-Chloronaphthalene	68		71		40-140	4		50
3,3'-Dichlorobenzidine	51		53		40-140	4		50
2,4-Dinitrotoluene	76		82		40-132	8		50
2,6-Dinitrotoluene	80		86		40-140	7		50
Fluoranthene	70		74		40-140	6		50
4-Chlorophenyl phenyl ether	69		72		40-140	4		50
4-Bromophenyl phenyl ether	75		79		40-140	5		50
Bis(2-chloroisopropyl)ether	48		49		40-140	2		50
Bis(2-chloroethoxy)methane	61		63		40-117	3		50
Hexachlorobutadiene	72		74		40-140	3		50
Hexachlorocyclopentadiene	99		105		40-140	6		50
Hexachloroethane	65		65		40-140	0		50
Isophorone	60		62		40-140	3		50
Naphthalene	62		64		40-140	3		50
Nitrobenzene	61		62		40-140	2		50
NDPA/DPA	68		72		36-157	6		50
n-Nitrosodi-n-propylamine	58		61		32-121	5		50
Bis(2-ethylhexyl)phthalate	72		76		40-140	5		50
Butyl benzyl phthalate	81		85		40-140	5		50
Di-n-butylphthalate	71		74		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420829

Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1910799-2 WG1910799-3								
Di-n-octylphthalate	77		81		40-140	5		50
Diethyl phthalate	69		73		40-140	6		50
Dimethyl phthalate	71		75		40-140	5		50
Benzo(a)anthracene	64		67		40-140	5		50
Benzo(a)pyrene	74		78		40-140	5		50
Benzo(b)fluoranthene	71		74		40-140	4		50
Benzo(k)fluoranthene	73		77		40-140	5		50
Chrysene	65		67		40-140	3		50
Acenaphthylene	67		69		40-140	3		50
Anthracene	68		70		40-140	3		50
Benzo(ghi)perylene	69		73		40-140	6		50
Fluorene	68		70		40-140	3		50
Phenanthrene	64		68		40-140	6		50
Dibenzo(a,h)anthracene	68		73		40-140	7		50
Indeno(1,2,3-cd)pyrene	68		74		40-140	8		50
Pyrene	70		74		35-142	6		50
Biphenyl	62		65		37-127	5		50
4-Chloroaniline	58		58		40-140	0		50
2-Nitroaniline	82		86		47-134	5		50
3-Nitroaniline	57		59		26-129	3		50
4-Nitroaniline	65		70		41-125	7		50
Dibenzofuran	66		69		40-140	4		50
2-Methylnaphthalene	67		70		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420829
Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1910799-2 WG1910799-3								
1,2,4,5-Tetrachlorobenzene	66		68		40-117	3		50
Acetophenone	58		60		14-144	3		50
2,4,6-Trichlorophenol	77		82		30-130	6		50
p-Chloro-m-cresol	69		73		26-103	6		50
2-Chlorophenol	66		68		25-102	3		50
2,4-Dichlorophenol	71		74		30-130	4		50
2,4-Dimethylphenol	79		82		30-130	4		50
2-Nitrophenol	81		84		30-130	4		50
4-Nitrophenol	69		71		11-114	3		50
2,4-Dinitrophenol	82		79		4-130	4		50
4,6-Dinitro-o-cresol	89		92		10-130	3		50
Pentachlorophenol	86		90		17-109	5		50
Phenol	56		59		26-90	5		50
2-Methylphenol	64		68		30-130.	6		50
3-Methylphenol/4-Methylphenol	64		68		30-130	6		50
2,4,5-Trichlorophenol	78		83		30-130	6		50
Carbazole	65		69		54-128	6		50
Atrazine	66		71		40-140	7		50
Benzaldehyde	57		59		40-140	3		50
Caprolactam	56		58		15-130	4		50
2,3,4,6-Tetrachlorophenol	77		82		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420829

Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1910799-2 WG1910799-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		65		25-120
Phenol-d6	62		64		10-120
Nitrobenzene-d5	61		65		23-120
2-Fluorobiphenyl	67		71		30-120
2,4,6-Tribromophenol	92		94		10-136
4-Terphenyl-d14	71		76		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420829
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2420829-01
Client ID: TANK 1 SW-1 13-15
Sample Location: BUFFALO, NY
Date Collected: 04/16/24 13:35
Date Received: 04/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7070		mg/kg	8.94	2.41	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Antimony, Total	0.392	J	mg/kg	4.47	0.340	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.86		mg/kg	0.894	0.186	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Barium, Total	64.7		mg/kg	0.894	0.156	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.327	J	mg/kg	0.447	0.030	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.173	J	mg/kg	0.894	0.088	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Calcium, Total	69600		mg/kg	8.94	3.13	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Chromium, Total	10.8		mg/kg	0.894	0.086	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.62		mg/kg	1.79	0.148	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Copper, Total	14.9		mg/kg	0.894	0.230	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Iron, Total	15000		mg/kg	4.47	0.807	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Lead, Total	14.7		mg/kg	4.47	0.240	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Magnesium, Total	25200		mg/kg	8.94	1.38	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Manganese, Total	450		mg/kg	0.894	0.142	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.088	0.058	1	04/17/24 17:00	04/22/24 10:15	EPA 7471B	1,7471B	MJR
Nickel, Total	13.3		mg/kg	2.23	0.216	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Potassium, Total	1250		mg/kg	223	12.9	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.79	0.230	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.447	0.253	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Sodium, Total	223		mg/kg	179	2.82	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.79	0.282	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Vanadium, Total	17.5		mg/kg	0.894	0.181	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF
Zinc, Total	64.8		mg/kg	4.47	0.262	2	04/17/24 16:45	04/18/24 15:27	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420829

Project Number: 4461.0001B002 **Report Date:** 04/23/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1909860-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Arsenic, Total	0.150	J	mg/kg	0.400	0.083	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Iron, Total	0.779	J	mg/kg	2.00	0.361	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Selenium, Total	0.188	J	mg/kg	0.800	0.103	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	04/17/24 16:45	04/18/24 11:32	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1909863-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/17/24 17:00	04/18/24 09:40	1,7471B	MJR

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420829
Report Date: 04/23/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420829

Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1909860-2								
Aluminum, Total	97		-		80-120	-		
Antimony, Total	101		-		80-120	-		
Arsenic, Total	100		-		80-120	-		
Barium, Total	100		-		80-120	-		
Beryllium, Total	102		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Calcium, Total	101		-		80-120	-		
Chromium, Total	100		-		80-120	-		
Cobalt, Total	101		-		80-120	-		
Copper, Total	102		-		80-120	-		
Iron, Total	102		-		80-120	-		
Lead, Total	101		-		80-120	-		
Magnesium, Total	99		-		80-120	-		
Manganese, Total	102		-		80-120	-		
Nickel, Total	101		-		80-120	-		
Potassium, Total	101		-		80-120	-		
Selenium, Total	100		-		80-120	-		
Silver, Total	100		-		80-120	-		
Sodium, Total	101		-		80-120	-		
Thallium, Total	99		-		80-120	-		
Vanadium, Total	102		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420829

Report Date: 04/23/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1909860-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1909863-2					
Mercury, Total	105	-	72-128	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420829
Report Date: 04/23/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909860-3 QC Sample: L2420814-01 Client ID: MS Sample												
Aluminum, Total	4260	166	4490	**138**	Q	-	-		75-125	-		20
Antimony, Total	2.20J	41.5	41.1	99		-	-		75-125	-		20
Arsenic, Total	3.90	9.96	14.5	106		-	-		75-125	-		20
Barium, Total	36.4	166	204	101		-	-		75-125	-		20
Beryllium, Total	0.215J	4.15	4.38	106		-	-		75-125	-		20
Cadmium, Total	0.092J	4.4	4.02	91		-	-		75-125	-		20
Calcium, Total	10500	830	39200	**3460**	Q	-	-		75-125	-		20
Chromium, Total	38.3	16.6	59.2	**126**	Q	-	-		75-125	-		20
Cobalt, Total	6.56	41.5	44.4	91		-	-		75-125	-		20
Copper, Total	81.1	20.8	174	**448**	Q	-	-		75-125	-		20
Iron, Total	15300	83	15100	**0**	Q	-	-		75-125	-		20
Lead, Total	60.9	44	98.1	84		-	-		75-125	-		20
Magnesium, Total	6190	830	23400	**2070**	Q	-	-		75-125	-		20
Manganese, Total	156	41.5	216	**144**	Q	-	-		75-125	-		20
Nickel, Total	15.6	41.5	52.1	88		-	-		75-125	-		20
Potassium, Total	508	830	1490	118		-	-		75-125	-		20
Selenium, Total	0.299J	9.96	10.0	100		-	-		75-125	-		20
Silver, Total	ND	4.15	4.49	108		-	-		75-125	-		20
Sodium, Total	332	830	1250	110		-	-		75-125	-		20
Thallium, Total	0.288J	9.96	9.56	96		-	-		75-125	-		20
Vanadium, Total	37.9	41.5	82.8	108		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420829
Report Date: 04/23/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909860-3 QC Sample: L2420814-01 Client ID: MS Sample									
Zinc, Total	58.0	41.5	105	113	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909863-3 QC Sample: L2420527-04 Client ID: MS Sample									
Mercury, Total	0.576	1.99	2.57	100	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420829
Report Date: 04/23/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909860-4 QC Sample: L2420814-01 Client ID: DUP Sample						
Arsenic, Total	3.90	3.82	mg/kg	2		20
Barium, Total	36.4	38.8	mg/kg	6		20
Cadmium, Total	0.092J	0.176J	mg/kg	NC		20
Chromium, Total	38.3	48.9	mg/kg	**24**	Q	20
Lead, Total	60.9	52.6	mg/kg	15		20
Selenium, Total	0.299J	0.320J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909863-4 QC Sample: L2420527-04 Client ID: DUP Sample						
Mercury, Total	0.576	0.443	mg/kg	**26**	Q	20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2420829
Report Date: 04/23/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909860-6 QC Sample: L2420814-01 Client ID: DUP Sample						
Barium, Total	36.4	36.3	mg/kg	0		20
Chromium, Total	38.3	40.0	mg/kg	4		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420829
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2420829-01
Client ID: TANK 1 SW-1 13-15
Sample Location: BUFFALO, NY

Date Collected: 04/16/24 13:35
Date Received: 04/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	04/17/24 10:55	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420829

Report Date: 04/23/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1909631-1 QC Sample: L2420803-01 Client ID: DUP Sample						
Solids, Total	87.1	86.1	%	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420829
Report Date: 04/23/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2420829-01A	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2420829-01B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L2420829-01C	Vial Large Septa unpreserved (4oz)	A	NA		2.7	Y	Absent		NYTCL-8260-R2(14)
L2420829-01X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		NYTCL-8260-R2(14)
L2420829-01Y	Vial Water preserved split	A	NA		2.7	Y	Absent	18-APR-24 08:11	NYTCL-8260-R2(14)
L2420829-01Z	Vial Water preserved split	A	NA		2.7	Y	Absent	18-APR-24 08:11	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420829
Project Number:	4461.0001B002	**Report Date:**	04/23/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420829
Project Number:	4461.0001B002	**Report Date:**	04/23/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420829
Project Number:	4461.0001B002	**Report Date:**	04/23/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420829
Project Number:	4461.0001B002	**Report Date:**	04/23/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 4/17/24

ALPHA Job #: L2420829

Client Information
Client: Roux
Address: 3558 Hamburg Turnpike
Buffalo, NY
Phone: 716-856-0599
Fax:
Email: mmunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+CP-51 VOCs	TCL SVOCs	TAL Metals	Total Bottle	Sample Specific Comments
20829-01	Tank 1 Sw-1 13-15	4-16-24	1335	Soil	CEH	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Chester Hochester	4-16-24/1600		
	4/16/24/1600		4/16/24 1600
			4/17/24 0830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2420832
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	04/17/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420832
Report Date: 04/17/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2420832-01	TANK 1 B-1 18.5	SOIL	BUFFALO, NY	04/16/24 13:30	04/16/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420832
Project Number:	4461.0001B002	**Report Date:**	04/17/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420832
Project Number:	4461.0001B002	**Report Date:**	04/17/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2420832-01: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2420832-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 04/17/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420832

Project Number: 4461.0001B002 **Report Date:** 04/17/24

SAMPLE RESULTS

Lab ID: L2420832-01
Client ID: TANK 1 B-1 18.5
Sample Location: BUFFALO, NY

Date Collected: 04/16/24 13:30
Date Received: 04/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 04/17/24 11:31
Analyst: AJK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	0.28	J	ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	17		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420832

Project Number: 4461.0001B002 **Report Date:** 04/17/24

SAMPLE RESULTS

Lab ID: L2420832-01 Date Collected: 04/16/24 13:30

Client ID: TANK 1 B-1 18.5 Date Received: 04/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	15		ug/kg	2.0	0.57	1
o-Xylene	2.4		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	6.9	J	ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
n-Butylbenzene	0.70	J	ug/kg	1.0	0.17	1
sec-Butylbenzene	0.34	J	ug/kg	1.0	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	2.0		ug/kg	1.0	0.11	1
p-Isopropyltoluene	0.31	J	ug/kg	1.0	0.11	1
n-Propylbenzene	5.8		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	8.0		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	18		ug/kg	2.0	0.34	1
Methyl Acetate	ND		ug/kg	4.1	0.97	1
Cyclohexane	0.86	J	ug/kg	10	0.55	1
1,4-Dioxane	ND		ug/kg	81	36.	1
Freon-113	ND		ug/kg	4.1	0.70	1
Methyl cyclohexane	1.3	J	ug/kg	4.1	0.61	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420832

Project Number: 4461.0001B002 **Report Date:** 04/17/24

SAMPLE RESULTS

Lab ID: L2420832-01 Date Collected: 04/16/24 13:30

Client ID: TANK 1 B-1 18.5 Date Received: 04/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	43.7	J	ug/kg			1
Unknown	9.59	J	ug/kg			1
Cyclopentane, Methyl-	2.37	NJ	ug/kg			1
Unknown	2.31	J	ug/kg			1
Butane, 2-Methyl-	7.07	NJ	ug/kg			1
Unknown Aromatic	3.37	J	ug/kg			1
Unknown Aromatic	2.49	J	ug/kg			1
Heptane, 3-methyl-	3.43	NJ	ug/kg			1
Unknown Alkane	2.49	J	ug/kg			1
Unknown Benzene	3.27	J	ug/kg			1
Unknown Benzene	7.30	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	101		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420832

Project Number: 4461.0001B002 **Report Date:** 04/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/17/24 10:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1909808-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420832

Project Number: 4461.0001B002 **Report Date:** 04/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/17/24 10:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1909808-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420832

Project Number: 4461.0001B002 **Report Date:** 04/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 04/17/24 10:38
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1909808-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420832

Report Date: 04/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1909808-3 WG1909808-4								
Methylene chloride	84		86		70-130	2		30
1,1-Dichloroethane	97		96		70-130	1		30
Chloroform	94		94		70-130	0		30
Carbon tetrachloride	95		94		70-130	1		30
1,2-Dichloropropane	95		95		70-130	0		30
Dibromochloromethane	91		92		70-130	1		30
1,1,2-Trichloroethane	92		94		70-130	2		30
Tetrachloroethene	89		88		70-130	1		30
Chlorobenzene	92		92		70-130	0		30
Trichlorofluoromethane	105		103		70-139	2		30
1,2-Dichloroethane	97		97		70-130	0		30
1,1,1-Trichloroethane	98		97		70-130	1		30
Bromodichloromethane	94		95		70-130	1		30
trans-1,3-Dichloropropene	94		95		70-130	1		30
cis-1,3-Dichloropropene	94		95		70-130	1		30
Bromoform	86		87		70-130	1		30
1,1,2,2-Tetrachloroethane	90		90		70-130	0		30
Benzene	92		92		70-130	0		30
Toluene	91		90		70-130	1		30
Ethylbenzene	94		92		70-130	2		30
Chloromethane	107		104		52-130	3		30
Bromomethane	120		117		57-147	3		30
Vinyl chloride	109		107		67-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420832

Report Date: 04/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1909808-3 WG1909808-4								
Chloroethane	96		96		50-151	0		30
1,1-Dichloroethene	100		99		65-135	1		30
trans-1,2-Dichloroethene	94		92		70-130	2		30
Trichloroethene	93		93		70-130	0		30
1,2-Dichlorobenzene	94		94		70-130	0		30
1,3-Dichlorobenzene	96		96		70-130	0		30
1,4-Dichlorobenzene	95		95		70-130	0		30
Methyl tert butyl ether	90		91		66-130	1		30
p/m-Xylene	96		95		70-130	1		30
o-Xylene	95		94		70-130	1		30
cis-1,2-Dichloroethene	91		90		70-130	1		30
Styrene	96		96		70-130	0		30
Dichlorodifluoromethane	133		128		30-146	4		30
Acetone	94		99		54-140	5		30
Carbon disulfide	95		94		59-130	1		30
2-Butanone	92		92		70-130	0		30
4-Methyl-2-pentanone	83		87		70-130	5		30
2-Hexanone	76		76		70-130	0		30
Bromochloromethane	89		91		70-130	2		30
1,2-Dibromoethane	92		94		70-130	2		30
n-Butylbenzene	102		100		70-130	2		30
sec-Butylbenzene	96		94		70-130	2		30
1,2-Dibromo-3-chloropropane	84		84		68-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420832
Report Date: 04/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1909808-3 WG1909808-4								
Isopropylbenzene	94		93		70-130	1		30
p-Isopropyltoluene	93		91		70-130	2		30
n-Propylbenzene	98		96		70-130	2		30
1,2,3-Trichlorobenzene	92		93		70-130	1		30
1,2,4-Trichlorobenzene	98		98		70-130	0		30
1,3,5-Trimethylbenzene	94		92		70-130	2		30
1,2,4-Trimethylbenzene	92		92		70-130	0		30
Methyl Acetate	91		91		51-146	0		30
Cyclohexane	100		98		59-142	2		30
1,4-Dioxane	81		85		65-136	5		30
Freon-113	100		99		50-139	1		30
Methyl cyclohexane	90		90		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		104		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	100		99		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420832
Report Date: 04/17/24

SAMPLE RESULTS

Lab ID: L2420832-01
Client ID: TANK 1 B-1 18.5
Sample Location: BUFFALO, NY

Date Collected: 04/16/24 13:30
Date Received: 04/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/17/24 09:25
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 04/17/24 01:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420832

Project Number: 4461.0001B002 **Report Date:** 04/17/24

SAMPLE RESULTS

Lab ID: L2420832-01 Date Collected: 04/16/24 13:30

Client ID: TANK 1 B-1 18.5 Date Received: 04/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420832

Project Number: 4461.0001B002 **Report Date:** 04/17/24

SAMPLE RESULTS

Lab ID: L2420832-01 Date Collected: 04/16/24 13:30

Client ID: TANK 1 B-1 18.5 Date Received: 04/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	65		18-120

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420832

Project Number: 4461.0001B002 **Report Date:** 04/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/17/24 07:35
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 04/17/24 01:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1909482-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	100	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420832

Project Number: 4461.0001B002 **Report Date:** 04/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/17/24 07:35
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 04/17/24 01:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1909482-1					
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	69.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420832
Report Date: 04/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/17/24 07:35
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 04/17/24 01:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1909482-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	34.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	50		10-136
4-Terphenyl-d14	57		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420832

Report Date: 04/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1909482-2 WG1909482-3								
Acenaphthene	97		59		31-137	49		50
Hexachlorobenzene	85		52		40-140	48		50
Bis(2-chloroethyl)ether	87		56		40-140	43		50
2-Chloronaphthalene	88		54		40-140	48		50
3,3'-Dichlorobenzidine	72		43		40-140	50		50
2,4-Dinitrotoluene	102		63		40-132	47		50
2,6-Dinitrotoluene	98		61		40-140	47		50
Fluoranthene	91		55		40-140	49		50
4-Chlorophenyl phenyl ether	91		56		40-140	48		50
4-Bromophenyl phenyl ether	91		54		40-140	**51**	Q	50
Bis(2-chloroisopropyl)ether	72		47		40-140	42		50
Bis(2-chloroethoxy)methane	93		63		40-117	38		50
Hexachlorobutadiene	95		57		40-140	50		50
Hexachlorocyclopentadiene	109		67		40-140	48		50
Hexachloroethane	88		58		40-140	41		50
Isophorone	85		56		40-140	41		50
Naphthalene	96		58		40-140	49		50
Nitrobenzene	94		60		40-140	44		50
NDPA/DPA	93		56		36-157	50		50
n-Nitrosodi-n-propylamine	90		58		32-121	43		50
Bis(2-ethylhexyl)phthalate	107		67		40-140	46		50
Butyl benzyl phthalate	99		64		40-140	43		50
Di-n-butylphthalate	102		62		40-140	49		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420832

Report Date: 04/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1909482-2 WG1909482-3								
Di-n-octylphthalate	109		68		40-140	46		50
Diethyl phthalate	92		56		40-140	49		50
Dimethyl phthalate	90		56		40-140	47		50
Benzo(a)anthracene	89		54		40-140	49		50
Benzo(a)pyrene	97		55		40-140	**55**	Q	50
Benzo(b)fluoranthene	99		53		40-140	**61**	Q	50
Benzo(k)fluoranthene	90		56		40-140	47		50
Chrysene	89		53		40-140	**51**	Q	50
Acenaphthylene	90		55		40-140	48		50
Anthracene	97		59		40-140	49		50
Benzo(ghi)perylene	91		52		40-140	**55**	Q	50
Fluorene	90		53		40-140	**52**	Q	50
Phenanthrene	94		57		40-140	49		50
Dibenzo(a,h)anthracene	95		56		40-140	**52**	Q	50
Indeno(1,2,3-cd)pyrene	95		56		40-140	**52**	Q	50
Pyrene	90		56		35-142	47		50
Biphenyl	93		56		37-127	50		50
4-Chloroaniline	53		**31**	Q	40-140	**52**	Q	50
2-Nitroaniline	103		64		47-134	47		50
3-Nitroaniline	73		44		26-129	50		50
4-Nitroaniline	95		58		41-125	48		50
Dibenzofuran	91		55		40-140	49		50
2-Methylnaphthalene	94		58		40-140	47		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420832

Report Date: 04/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1909482-2 WG1909482-3								
1,2,4,5-Tetrachlorobenzene	90		57		40-117	45		50
Acetophenone	103		70		14-144	38		50
2,4,6-Trichlorophenol	94		58		30-130	47		50
p-Chloro-m-cresol	92		58		26-103	45		50
2-Chlorophenol	91		59		25-102	43		50
2,4-Dichlorophenol	91		60		30-130	41		50
2,4-Dimethylphenol	99		66		30-130	40		50
2-Nitrophenol	104		68		30-130	42		50
4-Nitrophenol	92		55		11-114	50		50
2,4-Dinitrophenol	60		36		4-130	50		50
4,6-Dinitro-o-cresol	96		59		10-130	48		50
Pentachlorophenol	90		53		17-109	**52**	Q	50
Phenol	**96**	Q	62		26-90	43		50
2-Methylphenol	92		61		30-130.	41		50
3-Methylphenol/4-Methylphenol	95		63		30-130	41		50
2,4,5-Trichlorophenol	94		60		30-130	44		50
Carbazole	96		58		54-128	49		50
Atrazine	87		55		40-140	45		50
Benzaldehyde	79		53		40-140	39		50
Caprolactam	88		57		15-130	43		50
2,3,4,6-Tetrachlorophenol	96		57		40-140	**51**	Q	50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420832

Report Date: 04/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1909482-2 WG1909482-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	89		60		25-120
Phenol-d6	90		59		10-120
Nitrobenzene-d5	89		60		23-120
2-Fluorobiphenyl	89		56		30-120
2,4,6-Tribromophenol	86		52		10-136
4-Terphenyl-d14	87		55		18-120

METALS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420832

Project Number: 4461.0001B002 **Report Date:** 04/17/24

SAMPLE RESULTS

Lab ID: L2420832-01 Date Collected: 04/16/24 13:30

Client ID: TANK 1 B-1 18.5 Date Received: 04/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1700		mg/kg	8.86	2.39	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Antimony, Total	ND		mg/kg	4.43	0.336	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Arsenic, Total	1.58		mg/kg	0.886	0.184	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Barium, Total	16.2		mg/kg	0.886	0.154	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.100	J	mg/kg	0.443	0.029	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.164	J	mg/kg	0.886	0.087	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Calcium, Total	53400		mg/kg	8.86	3.10	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Chromium, Total	3.43		mg/kg	0.886	0.085	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Cobalt, Total	1.87		mg/kg	1.77	0.147	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Copper, Total	6.87		mg/kg	0.886	0.228	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Iron, Total	5780		mg/kg	4.43	0.800	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Lead, Total	7.91		mg/kg	4.43	0.237	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Magnesium, Total	23100		mg/kg	8.86	1.36	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Manganese, Total	247		mg/kg	0.886	0.141	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.071	0.047	1	04/17/24 08:35	04/17/24 10:33	EPA 7471B	1,7471B	MJR
Nickel, Total	3.73		mg/kg	2.21	0.214	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Potassium, Total	328		mg/kg	221	12.8	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	1.77	0.228	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.443	0.251	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Sodium, Total	99.4	J	mg/kg	177	2.79	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Thallium, Total	ND		mg/kg	1.77	0.279	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Vanadium, Total	8.13		mg/kg	0.886	0.180	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL
Zinc, Total	64.0		mg/kg	4.43	0.260	2	04/17/24 07:55	04/17/24 12:26	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2420832

Project Number: 4461.0001B002 **Report Date:** 04/17/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1909533-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Iron, Total	0.941	J	mg/kg	2.00	0.361	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Sodium, Total	ND		mg/kg	80.0	1.26	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Thallium, Total	ND		mg/kg	0.800	0.126	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL
Zinc, Total	0.321	J	mg/kg	2.00	0.117	1	04/17/24 07:55	04/17/24 11:13	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1909543-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/17/24 08:35	04/17/24 10:00	1,7471B	MJR

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2420832
Report Date: 04/17/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420832

Report Date: 04/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1909533-2								
Aluminum, Total	101		-		80-120	-		
Antimony, Total	104		-		80-120	-		
Arsenic, Total	103		-		80-120	-		
Barium, Total	104		-		80-120	-		
Beryllium, Total	106		-		80-120	-		
Cadmium, Total	101		-		80-120	-		
Calcium, Total	105		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	104		-		80-120	-		
Iron, Total	106		-		80-120	-		
Lead, Total	103		-		80-120	-		
Magnesium, Total	103		-		80-120	-		
Manganese, Total	104		-		80-120	-		
Nickel, Total	104		-		80-120	-		
Potassium, Total	107		-		80-120	-		
Selenium, Total	101		-		80-120	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	107		-		80-120	-		
Thallium, Total	102		-		80-120	-		
Vanadium, Total	104		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420832

Report Date: 04/17/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1909533-2					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1909543-2					
Mercury, Total	102	-	72-128	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420832
Report Date: 04/17/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909533-3 QC Sample: L2420524-06 Client ID: MS Sample												
Aluminum, Total	3960	183	4390	**235**	Q	-	-		75-125	-		20
Antimony, Total	14.7	45.7	61.9	103		-	-		75-125	-		20
Arsenic, Total	3.53	11	14.3	98		-	-		75-125	-		20
Barium, Total	34.8	183	214	98		-	-		75-125	-		20
Beryllium, Total	0.232J	4.57	4.84	106		-	-		75-125	-		20
Cadmium, Total	0.089J	4.84	4.62	95		-	-		75-125	-		20
Calcium, Total	2000	914	3160	**127**	Q	-	-		75-125	-		20
Chromium, Total	8.15	18.3	25.9	97		-	-		75-125	-		20
Cobalt, Total	3.40	45.7	47.4	96		-	-		75-125	-		20
Copper, Total	17.4	22.8	39.2	95		-	-		75-125	-		20
Iron, Total	11400	91.4	11100	**0**	Q	-	-		75-125	-		20
Lead, Total	46.8	48.4	84.9	79		-	-		75-125	-		20
Magnesium, Total	1280	914	2110	91		-	-		75-125	-		20
Manganese, Total	243	45.7	350	**234**	Q	-	-		75-125	-		20
Nickel, Total	7.62	45.7	52.1	97		-	-		75-125	-		20
Potassium, Total	344	914	1230	97		-	-		75-125	-		20
Selenium, Total	ND	11	10.6	97		-	-		75-125	-		20
Silver, Total	ND	4.57	4.57	100		-	-		75-125	-		20
Sodium, Total	75.6J	914	983	108		-	-		75-125	-		20
Thallium, Total	ND	11	10.6	97		-	-		75-125	-		20
Vanadium, Total	12.4	45.7	57.4	98		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420832
Report Date: 04/17/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909533-3 QC Sample: L2420524-06 Client ID: MS Sample									
Zinc, Total	48.6	45.7	89.9	90	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909543-3 QC Sample: L2420646-01 Client ID: MS Sample									
Mercury, Total	ND	1.31	1.35	103	-	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420832

Report Date: 04/17/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909533-4 QC Sample: L2420524-06 Client ID: DUP Sample						
Lead, Total	46.8	43.4	mg/kg	8		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1909543-4 QC Sample: L2420646-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420832
Report Date: 04/17/24

SAMPLE RESULTS

Lab ID: L2420832-01
Client ID: TANK 1 B-1 18.5
Sample Location: BUFFALO, NY

Date Collected: 04/16/24 13:30
Date Received: 04/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	04/17/24 03:22	121,2540G	WJM

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2420832

Report Date: 04/17/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1909518-1 QC Sample: L2420638-01 Client ID: DUP Sample						
Solids, Total	79.2	79.6	%	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420832
Report Date: 04/17/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2420832-01A	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2420832-01B	Glass 120ml/4oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L2420832-01C	Vial Large Septa unpreserved (4oz)	A	NA		2.7	Y	Absent		NYTCL-8260-R2(14)
L2420832-01X	Vial MeOH preserved split	A	NA		2.7	Y	Absent		NYTCL-8260-R2(14)
L2420832-01Y	Vial Water preserved split	A	NA		2.7	Y	Absent	17-APR-24 06:43	NYTCL-8260-R2(14)
L2420832-01Z	Vial Water preserved split	A	NA		2.7	Y	Absent	17-APR-24 06:43	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420832
Project Number:	4461.0001B002	**Report Date:**	04/17/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420832
Project Number:	4461.0001B002	**Report Date:**	04/17/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420832
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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2420832
Project Number:	4461.0001B002	**Report Date:**	04/17/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

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Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

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Date Rec'd in Lab: 4/17/24

ALPHA Job #: L2420832

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Email: nmurley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project # 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 24 HR
Rush (only if pre approved) ☒ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+CP-51 VOCs	TCL SVOCs	TAL Metals	Sample Specific Comments
20852-01	Tank 1 B-1 18.5	4-16-24	1330	Soil	CEH	X	X	X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westborn: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Chester Hochreiter	4-16-24 / 1600	ADL	4/16/24 1600
ADL	4/16/24 1800		4/17/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2421118
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	04/19/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421118
Report Date: 04/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2421118-01	NC B-11 4	SOIL	BUFFALO, NY	04/17/24 14:40	04/17/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2421118
Project Number:	4461.0001B002	**Report Date:**	04/19/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2421118
Project Number:	4461.0001B002	**Report Date:**	04/19/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2421118-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 04/19/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421118
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2421118-01
Client ID: NC B-11 4
Sample Location: BUFFALO, NY

Date Collected: 04/17/24 14:40
Date Received: 04/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/19/24 08:17
Analyst: LJG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/18/24 02:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	39	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421118

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2421118-01 Date Collected: 04/17/24 14:40

Client ID: NC B-11 4 Date Received: 04/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421118

Project Number: 4461.0001B002 **Report Date:** 04/19/24

SAMPLE RESULTS

Lab ID: L2421118-01 Date Collected: 04/17/24 14:40

Client ID: NC B-11 4 Date Received: 04/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	68		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421118
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/19/24 02:35
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 04/18/24 00:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1909995-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421118

Project Number: 4461.0001B002 **Report Date:** 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/19/24 02:35
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 04/18/24 00:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1909995-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421118
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/19/24 02:35
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 04/18/24 00:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1909995-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	77		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421118
Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1909995-2 WG1909995-3								
Acenaphthene	70		68		31-137	3		50
Hexachlorobenzene	67		66		40-140	2		50
Bis(2-chloroethyl)ether	77		74		40-140	4		50
2-Chloronaphthalene	72		67		40-140	7		50
3,3'-Dichlorobenzidine	56		60		40-140	7		50
2,4-Dinitrotoluene	73		70		40-132	4		50
2,6-Dinitrotoluene	77		71		40-140	8		50
Fluoranthene	74		72		40-140	3		50
4-Chlorophenyl phenyl ether	71		68		40-140	4		50
4-Bromophenyl phenyl ether	66		66		40-140	0		50
Bis(2-chloroisopropyl)ether	76		76		40-140	0		50
Bis(2-chloroethoxy)methane	77		74		40-117	4		50
Hexachlorobutadiene	66		62		40-140	6		50
Hexachlorocyclopentadiene	66		61		40-140	8		50
Hexachloroethane	76		72		40-140	5		50
Isophorone	74		72		40-140	3		50
Naphthalene	73		69		40-140	6		50
Nitrobenzene	78		76		40-140	3		50
NDPA/DPA	72		69		36-157	4		50
n-Nitrosodi-n-propylamine	77		74		32-121	4		50
Bis(2-ethylhexyl)phthalate	82		80		40-140	2		50
Butyl benzyl phthalate	93		89		40-140	4		50
Di-n-butylphthalate	80		77		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2421118

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1909995-2 WG1909995-3								
Di-n-octylphthalate	83		81		40-140	2		50
Diethyl phthalate	74		71		40-140	4		50
Dimethyl phthalate	71		65		40-140	9		50
Benzo(a)anthracene	74		72		40-140	3		50
Benzo(a)pyrene	83		86		40-140	4		50
Benzo(b)fluoranthene	81		80		40-140	1		50
Benzo(k)fluoranthene	76		78		40-140	3		50
Chrysene	72		70		40-140	3		50
Acenaphthylene	73		67		40-140	9		50
Anthracene	74		72		40-140	3		50
Benzo(ghi)perylene	74		74		40-140	0		50
Fluorene	72		68		40-140	6		50
Phenanthrene	72		71		40-140	1		50
Dibenzo(a,h)anthracene	75		79		40-140	5		50
Indeno(1,2,3-cd)pyrene	76		80		40-140	5		50
Pyrene	75		76		35-142	1		50
Biphenyl	64		59		37-127	8		50
4-Chloroaniline	52		57		40-140	9		50
2-Nitroaniline	84		80		47-134	5		50
3-Nitroaniline	70		71		26-129	1		50
4-Nitroaniline	83		81		41-125	2		50
Dibenzofuran	72		69		40-140	4		50
2-Methylnaphthalene	73		68		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2421118

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1909995-2 WG1909995-3								
1,2,4,5-Tetrachlorobenzene	63		59		40-117	7		50
Acetophenone	70		67		14-144	4		50
2,4,6-Trichlorophenol	74		70		30-130	6		50
p-Chloro-m-cresol	78		74		26-103	5		50
2-Chlorophenol	81		77		25-102	5		50
2,4-Dichlorophenol	74		71		30-130	4		50
2,4-Dimethylphenol	72		70		30-130	3		50
2-Nitrophenol	90		85		30-130	6		50
4-Nitrophenol	83		84		11-114	1		50
2,4-Dinitrophenol	45		58		4-130	25		50
4,6-Dinitro-o-cresol	75		72		10-130	4		50
Pentachlorophenol	58		61		17-109	5		50
Phenol	81		77		26-90	5		50
2-Methylphenol	81		77		30-130.	5		50
3-Methylphenol/4-Methylphenol	82		76		30-130	8		50
2,4,5-Trichlorophenol	77		72		30-130	7		50
Carbazole	75		73		54-128	3		50
Atrazine	60		59		40-140	2		50
Benzaldehyde	63		62		40-140	2		50
Caprolactam	76		76		15-130	0		50
2,3,4,6-Tetrachlorophenol	77		72		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2421118

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1909995-2 WG1909995-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	89		80		25-120
Phenol-d6	90		82		10-120
Nitrobenzene-d5	83		78		23-120
2-Fluorobiphenyl	71		62		30-120
2,4,6-Tribromophenol	85		74		10-136
4-Terphenyl-d14	74		75		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421118
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2421118-01
Client ID: NC B-11 4
Sample Location: BUFFALO, NY
Date Collected: 04/17/24 14:40
Date Received: 04/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.82		mg/kg	0.905	0.188	2	04/18/24 08:00	04/18/24 12:25	EPA 3050B	1,6010D	JMF
Barium, Total	87.1		mg/kg	0.905	0.158	2	04/18/24 08:00	04/18/24 12:25	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.091	J	mg/kg	0.905	0.089	2	04/18/24 08:00	04/18/24 12:25	EPA 3050B	1,6010D	JMF
Chromium, Total	13.1		mg/kg	0.905	0.087	2	04/18/24 08:00	04/18/24 12:25	EPA 3050B	1,6010D	JMF
Lead, Total	39.6		mg/kg	4.53	0.243	2	04/18/24 08:00	04/18/24 12:25	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.048	1	04/18/24 08:45	04/19/24 07:04	EPA 7471B	1,7471B	SMV
Selenium, Total	ND		mg/kg	1.81	0.234	2	04/18/24 08:00	04/18/24 12:25	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.453	0.256	2	04/18/24 08:00	04/18/24 12:25	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421118
Report Date: 04/19/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1910046-1										
Arsenic, Total	0.160	J	mg/kg	0.400	0.083	1	04/18/24 08:00	04/18/24 10:10	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	04/18/24 08:00	04/18/24 10:10	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/18/24 08:00	04/18/24 10:10	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	04/18/24 08:00	04/18/24 10:10	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	04/18/24 08:00	04/18/24 10:10	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/18/24 08:00	04/18/24 10:10	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	04/18/24 08:00	04/18/24 10:10	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1910053-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/18/24 08:45	04/18/24 10:17	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2421118

Report Date: 04/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1910046-2								
Arsenic, Total	103		-		80-120	-		
Barium, Total	105		-		80-120	-		
Cadmium, Total	101		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Lead, Total	103		-		80-120	-		
Selenium, Total	99		-		80-120	-		
Silver, Total	101		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1910053-2								
Mercury, Total	92		-		72-128	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421118
Report Date: 04/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1910046-3 QC Sample: L2420930-01 Client ID: MS Sample												
Arsenic, Total	10.7	12.8	22.6	93		-	-		75-125	-		20
Barium, Total	90.6	214	294	95		-	-		75-125	-		20
Cadmium, Total	0.511J	5.67	5.82	103		-	-		75-125	-		20
Chromium, Total	28.0	21.4	46.0	84		-	-		75-125	-		20
Lead, Total	144	56.7	1090	**1670**	Q	-	-		75-125	-		20
Selenium, Total	0.499J	12.8	13.7	107		-	-		75-125	-		20
Silver, Total	0.374J	5.35	5.87	110		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1910053-3 QC Sample: L2420930-01 Client ID: MS Sample												
Mercury, Total	1.54	1.76	3.15	92		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2421118

Report Date: 04/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1910046-4 QC Sample: L2420930-01 Client ID: DUP Sample						
Arsenic, Total	10.7	10.4	mg/kg	3		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1910053-4 QC Sample: L2420930-01 Client ID: DUP Sample						
Mercury, Total	1.54	1.52	mg/kg	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421118
Report Date: 04/19/24

SAMPLE RESULTS

Lab ID: L2421118-01
Client ID: NC B-11 4
Sample Location: BUFFALO, NY

Date Collected: 04/17/24 14:40
Date Received: 04/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	04/18/24 07:32	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2421118

Report Date: 04/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1910083-1 QC Sample: L2419434-02 Client ID: DUP Sample						
Solids, Total	85.7	86.2	%	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421118
Report Date: 04/19/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2421118-01A	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2421118-01B	Glass 120ml/4oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2421118
Project Number:	4461.0001B002	**Report Date:**	04/19/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2421118
Project Number:	4461.0001B002	**Report Date:**	04/19/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2421118
Project Number:	4461.0001B002	**Report Date:**	04/19/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2421118
Project Number:	4461.0001B002	**Report Date:**	04/19/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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Date Rec'd in Lab: 4/18/24

ALPHA Job #: L2421118

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY, 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☒ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	Total # Bottles	Sample Specific Comments
21118-01	NC B-11 4	4-17-24	1440	Soil	CEH	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Charles Hardcastle	4-17-24 1530	[illegible]	4/17/24 1530
[illegible]	4/17/24 1530		4/18/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2421779
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	04/23/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421779
Report Date: 04/23/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2421779-01	B-10 4	SOIL	BUFFALO, NY	04/19/24 13:00	04/19/24
L2421779-02	B-11 4	SOIL	BUFFALO, NY	04/19/24 13:05	04/19/24
L2421779-03	B-12 4	SOIL	BUFFALO, NY	04/19/24 13:10	04/19/24
L2421779-04	B-13 4	SOIL	BUFFALO, NY	04/19/24 13:15	04/19/24
L2421779-05	B-14 4	SOIL	BUFFALO, NY	04/19/24 13:20	04/19/24
L2421779-06	B-15 4	SOIL	BUFFALO, NY	04/19/24 13:25	04/19/24
L2421779-07	B-16 4	SOIL	BUFFALO, NY	04/19/24 13:30	04/19/24
L2421779-08	EW-2 2-3	SOIL	BUFFALO, NY	04/19/24 13:35	04/19/24
L2421779-09	EW-3 2-3	SOIL	BUFFALO, NY	04/19/24 13:40	04/19/24
L2421779-10	EW-4 2-3	SOIL	BUFFALO, NY	04/19/24 13:45	04/19/24
L2421779-11	EW-5 2-3	SOIL	BUFFALO, NY	04/19/24 13:50	04/19/24
L2421779-12	SW-1 2-3	SOIL	BUFFALO, NY	04/19/24 14:00	04/19/24
L2421779-13	SW-2 2-3	SOIL	BUFFALO, NY	04/19/24 14:05	04/19/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2421779
Project Number:	4461.0001B002	**Report Date:**	04/23/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2421779
Project Number:	4461.0001B002	**Report Date:**	04/23/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2421779-01 through -13: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1911039-3 MS recoveries, performed on L2421779-01, are outside the acceptance criteria for chromium (73%) and lead (70%). A post digestion spike was performed and was within acceptance criteria.

The WG1911039-4 Laboratory Duplicate RPD for lead (51%), performed on L2421779-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 04/23/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-01
Client ID: B-10 4
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:00
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/20/24 16:24
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/20/24 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-01 Date Collected: 04/19/24 13:00

Client ID: B-10 4 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-01 Date Collected: 04/19/24 13:00

Client ID: B-10 4 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	49		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	43		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-02
Client ID: B-11 4
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:05
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/20/24 16:41
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/20/24 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-02 Date Collected: 04/19/24 13:05

Client ID: B-11 4 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-02 Date Collected: 04/19/24 13:05

Client ID: B-11 4 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	52		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-03
Client ID: B-12 4
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:10
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/20/24 16:59
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/20/24 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-03 Date Collected: 04/19/24 13:10

Client ID: B-12 4 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-03 Date Collected: 04/19/24 13:10

Client ID: B-12 4 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	54		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-04
Client ID: B-13 4
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:15
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/20/24 17:17
Analyst: EK
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 04/20/24 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-04 Date Collected: 04/19/24 13:15

Client ID: B-13 4 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-04 Date Collected: 04/19/24 13:15

Client ID: B-13 4 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	56		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-05
Client ID: B-14 4
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:20
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/21/24 16:35
Analyst: MRG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 04/20/24 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-05 Date Collected: 04/19/24 13:20

Client ID: B-14 4 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	450	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-05 Date Collected: 04/19/24 13:20

Client ID: B-14 4 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	81		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-06
Client ID: B-15 4
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:25
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/21/24 16:53
Analyst: MRG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/20/24 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-06 Date Collected: 04/19/24 13:25

Client ID: B-15 4 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-06 Date Collected: 04/19/24 13:25

Client ID: B-15 4 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	72		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-07
Client ID: B-16 4
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:30
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/20/24 18:11
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/20/24 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-07 Date Collected: 04/19/24 13:30

Client ID: B-16 4 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-07 Date Collected: 04/19/24 13:30

Client ID: B-16 4 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	47		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-08
Client ID: EW-2 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:35
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/20/24 18:29
Analyst: EK
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 04/20/24 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-08 Date Collected: 04/19/24 13:35

Client ID: EW-2 2-3 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-08 Date Collected: 04/19/24 13:35

Client ID: EW-2 2-3 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		25-120
Phenol-d6	49		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	46		30-120
2,4,6-Tribromophenol	50		10-136
4-Terphenyl-d14	44		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-09
Client ID: EW-3 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:40
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/20/24 18:46
Analyst: EK
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 04/20/24 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-09 Date Collected: 04/19/24 13:40

Client ID: EW-3 2-3 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-09 Date Collected: 04/19/24 13:40

Client ID: EW-3 2-3 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		25-120
Phenol-d6	49		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	44		30-120
2,4,6-Tribromophenol	45		10-136
4-Terphenyl-d14	37		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-10
Client ID: EW-4 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:45
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/20/24 19:04
Analyst: EK
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 04/20/24 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-10 Date Collected: 04/19/24 13:45

Client ID: EW-4 2-3 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-10 Date Collected: 04/19/24 13:45

Client ID: EW-4 2-3 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	57		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-11
Client ID: EW-5 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:50
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/20/24 19:22
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/20/24 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-11 Date Collected: 04/19/24 13:50

Client ID: EW-5 2-3 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-11 Date Collected: 04/19/24 13:50

Client ID: EW-5 2-3 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	44		18-120

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-12
Client ID: SW-1 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 14:00
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/20/24 19:40
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 04/20/24 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-12 Date Collected: 04/19/24 14:00

Client ID: SW-1 2-3 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-12 Date Collected: 04/19/24 14:00

Client ID: SW-1 2-3 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	53		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-13
Client ID: SW-2 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 14:05
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 04/20/24 19:58
Analyst: EK
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 04/20/24 02:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	120	24.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-13 Date Collected: 04/19/24 14:05

Client ID: SW-2 2-3 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	34.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	120	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	79.	1
4-Nitrophenol	ND		ug/kg	290	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	ND		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	280	57.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-13 Date Collected: 04/19/24 14:05

Client ID: SW-2 2-3 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		25-120
Phenol-d6	49		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	45		30-120
2,4,6-Tribromophenol	42		10-136
4-Terphenyl-d14	40		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/20/24 12:22
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 04/20/24 02:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-13 Batch: WG1910988-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/20/24 12:22
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 04/20/24 02:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-13 Batch: WG1910988-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 04/20/24 12:22
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 04/20/24 02:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-13 Batch: WG1910988-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	63		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2421779

Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 Batch: WG1910988-2 WG1910988-3								
Acenaphthene	66		61		31-137	8		50
Hexachlorobenzene	62		59		40-140	5		50
Bis(2-chloroethyl)ether	66		61		40-140	8		50
2-Chloronaphthalene	65		61		40-140	6		50
3,3'-Dichlorobenzidine	50		48		40-140	4		50
2,4-Dinitrotoluene	81		76		40-132	6		50
2,6-Dinitrotoluene	80		72		40-140	11		50
Fluoranthene	65		62		40-140	5		50
4-Chlorophenyl phenyl ether	64		60		40-140	6		50
4-Bromophenyl phenyl ether	64		60		40-140	6		50
Bis(2-chloroisopropyl)ether	56		52		40-140	7		50
Bis(2-chloroethoxy)methane	71		66		40-117	7		50
Hexachlorobutadiene	64		61		40-140	5		50
Hexachlorocyclopentadiene	76		70		40-140	8		50
Hexachloroethane	67		63		40-140	6		50
Isophorone	68		63		40-140	8		50
Naphthalene	67		62		40-140	8		50
Nitrobenzene	76		70		40-140	8		50
NDPA/DPA	67		64		36-157	5		50
n-Nitrosodi-n-propylamine	70		64		32-121	9		50
Bis(2-ethylhexyl)phthalate	67		63		40-140	6		50
Butyl benzyl phthalate	72		69		40-140	4		50
Di-n-butylphthalate	68		64		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2421779

Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 Batch: WG1910988-2 WG1910988-3								
Di-n-octylphthalate	68		65		40-140	5		50
Diethyl phthalate	66		61		40-140	8		50
Dimethyl phthalate	69		62		40-140	11		50
Benzo(a)anthracene	62		60		40-140	3		50
Benzo(a)pyrene	66		63		40-140	5		50
Benzo(b)fluoranthene	68		64		40-140	6		50
Benzo(k)fluoranthene	60		59		40-140	2		50
Chrysene	61		58		40-140	5		50
Acenaphthylene	68		63		40-140	8		50
Anthracene	68		64		40-140	6		50
Benzo(ghi)perylene	60		57		40-140	5		50
Fluorene	64		60		40-140	6		50
Phenanthrene	65		62		40-140	5		50
Dibenzo(a,h)anthracene	63		60		40-140	5		50
Indeno(1,2,3-cd)pyrene	63		61		40-140	3		50
Pyrene	66		64		35-142	3		50
Biphenyl	66		62		37-127	6		50
4-Chloroaniline	48		48		40-140	0		50
2-Nitroaniline	87		81		47-134	7		50
3-Nitroaniline	62		62		26-129	0		50
4-Nitroaniline	78		77		41-125	1		50
Dibenzofuran	65		61		40-140	6		50
2-Methylnaphthalene	68		63		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2421779

Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 Batch: WG1910988-2 WG1910988-3								
1,2,4,5-Tetrachlorobenzene	66		61		40-117	8		50
Acetophenone	82		77		14-144	6		50
2,4,6-Trichlorophenol	75		70		30-130	7		50
p-Chloro-m-cresol	71		67		26-103	6		50
2-Chlorophenol	70		66		25-102	6		50
2,4-Dichlorophenol	72		66		30-130	9		50
2,4-Dimethylphenol	79		74		30-130	7		50
2-Nitrophenol	83		78		30-130	6		50
4-Nitrophenol	81		75		11-114	8		50
2,4-Dinitrophenol	48		47		4-130	2		50
4,6-Dinitro-o-cresol	81		78		10-130	4		50
Pentachlorophenol	72		68		17-109	6		50
Phenol	80		76		26-90	5		50
2-Methylphenol	73		68		30-130.	7		50
3-Methylphenol/4-Methylphenol	76		71		30-130	7		50
2,4,5-Trichlorophenol	74		67		30-130	10		50
Carbazole	70		66		54-128	6		50
Atrazine	58		56		40-140	4		50
Benzaldehyde	61		58		40-140	5		50
Caprolactam	87		79		15-130	10		50
2,3,4,6-Tetrachlorophenol	69		65		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2421779

Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-13 Batch: WG1910988-2 WG1910988-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		63		25-120
Phenol-d6	67		62		10-120
Nitrobenzene-d5	69		64		23-120
2-Fluorobiphenyl	60		55		30-120
2,4,6-Tribromophenol	63		60		10-136
4-Terphenyl-d14	58		56		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-01
Client ID: B-10 4
Sample Location: BUFFALO, NY
Date Collected: 04/19/24 13:00
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.64		mg/kg	0.879	0.183	2	04/20/24 10:00	04/22/24 14:16	EPA 3050B	1,6010D	TAA
Barium, Total	73.4		mg/kg	0.879	0.153	2	04/20/24 10:00	04/22/24 14:16	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.879	0.086	2	04/20/24 10:00	04/22/24 14:16	EPA 3050B	1,6010D	TAA
Chromium, Total	12.5		mg/kg	0.879	0.084	2	04/20/24 10:00	04/22/24 14:16	EPA 3050B	1,6010D	TAA
Lead, Total	30.5		mg/kg	4.39	0.236	2	04/20/24 10:00	04/22/24 14:16	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.073	0.048	1	04/20/24 11:00	04/20/24 15:50	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.76	0.227	2	04/20/24 10:00	04/22/24 14:16	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.439	0.249	2	04/20/24 10:00	04/22/24 14:16	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-02 Date Collected: 04/19/24 13:05

Client ID: B-11 4 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.02		mg/kg	0.889	0.185	2	04/20/24 10:00	04/22/24 19:16	EPA 3050B	1,6010D	TAA
Barium, Total	64.1		mg/kg	0.889	0.155	2	04/20/24 10:00	04/22/24 19:16	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.889	0.087	2	04/20/24 10:00	04/22/24 19:16	EPA 3050B	1,6010D	TAA
Chromium, Total	11.0		mg/kg	0.889	0.085	2	04/20/24 10:00	04/22/24 19:16	EPA 3050B	1,6010D	TAA
Lead, Total	14.8		mg/kg	4.45	0.238	2	04/20/24 10:00	04/22/24 19:16	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.073	0.048	1	04/20/24 11:00	04/20/24 15:53	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.78	0.229	2	04/20/24 10:00	04/22/24 19:16	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.445	0.252	2	04/20/24 10:00	04/22/24 19:16	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-03
Client ID: B-12 4
Sample Location: BUFFALO, NY
Date Collected: 04/19/24 13:10
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.65		mg/kg	0.909	0.189	2	04/20/24 10:00	04/22/24 19:19	EPA 3050B	1,6010D	TAA
Barium, Total	67.3		mg/kg	0.909	0.158	2	04/20/24 10:00	04/22/24 19:19	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.909	0.089	2	04/20/24 10:00	04/22/24 19:19	EPA 3050B	1,6010D	TAA
Chromium, Total	11.2		mg/kg	0.909	0.087	2	04/20/24 10:00	04/22/24 19:19	EPA 3050B	1,6010D	TAA
Lead, Total	15.1		mg/kg	4.54	0.244	2	04/20/24 10:00	04/22/24 19:19	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.073	0.047	1	04/20/24 11:00	04/20/24 16:03	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.82	0.234	2	04/20/24 10:00	04/22/24 19:19	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.454	0.257	2	04/20/24 10:00	04/22/24 19:19	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-04
Client ID: B-13 4
Sample Location: BUFFALO, NY
Date Collected: 04/19/24 13:15
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.19		mg/kg	0.936	0.195	2	04/20/24 10:00	04/22/24 19:23	EPA 3050B	1,6010D	TAA
Barium, Total	74.5		mg/kg	0.936	0.163	2	04/20/24 10:00	04/22/24 19:23	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.936	0.092	2	04/20/24 10:00	04/22/24 19:23	EPA 3050B	1,6010D	TAA
Chromium, Total	12.2		mg/kg	0.936	0.090	2	04/20/24 10:00	04/22/24 19:23	EPA 3050B	1,6010D	TAA
Lead, Total	16.0		mg/kg	4.68	0.251	2	04/20/24 10:00	04/22/24 19:23	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.078	0.051	1	04/20/24 11:00	04/20/24 16:06	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.87	0.242	2	04/20/24 10:00	04/22/24 19:23	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.468	0.265	2	04/20/24 10:00	04/22/24 19:23	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Lab Number: L2421779
Project Number: 4461.0001B002
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-05
Client ID: B-14 4
Sample Location: BUFFALO, NY
Date Collected: 04/19/24 13:20
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.25		mg/kg	0.924	0.192	2	04/20/24 10:00	04/22/24 19:26	EPA 3050B	1,6010D	TAA
Barium, Total	85.7		mg/kg	0.924	0.161	2	04/20/24 10:00	04/22/24 19:26	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.924	0.091	2	04/20/24 10:00	04/22/24 19:26	EPA 3050B	1,6010D	TAA
Chromium, Total	14.1		mg/kg	0.924	0.089	2	04/20/24 10:00	04/22/24 19:26	EPA 3050B	1,6010D	TAA
Lead, Total	15.2		mg/kg	4.62	0.248	2	04/20/24 10:00	04/22/24 19:26	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.076	0.050	1	04/20/24 11:00	04/20/24 16:10	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.85	0.238	2	04/20/24 10:00	04/22/24 19:26	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.462	0.261	2	04/20/24 10:00	04/22/24 19:26	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-06
Client ID: B-15 4
Sample Location: BUFFALO, NY
Date Collected: 04/19/24 13:25
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.13		mg/kg	0.878	0.183	2	04/20/24 10:00	04/22/24 19:30	EPA 3050B	1,6010D	TAA
Barium, Total	80.9		mg/kg	0.878	0.153	2	04/20/24 10:00	04/22/24 19:30	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.878	0.086	2	04/20/24 10:00	04/22/24 19:30	EPA 3050B	1,6010D	TAA
Chromium, Total	13.1		mg/kg	0.878	0.084	2	04/20/24 10:00	04/22/24 19:30	EPA 3050B	1,6010D	TAA
Lead, Total	15.2		mg/kg	4.39	0.235	2	04/20/24 10:00	04/22/24 19:30	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.073	0.047	1	04/20/24 11:00	04/20/24 16:13	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.76	0.227	2	04/20/24 10:00	04/22/24 19:30	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.439	0.249	2	04/20/24 10:00	04/22/24 19:30	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-07 Date Collected: 04/19/24 13:30

Client ID: B-16 4 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.56		mg/kg	0.886	0.184	2	04/20/24 10:00	04/22/24 19:33	EPA 3050B	1,6010D	TAA
Barium, Total	72.4		mg/kg	0.886	0.154	2	04/20/24 10:00	04/22/24 19:33	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.886	0.087	2	04/20/24 10:00	04/22/24 19:33	EPA 3050B	1,6010D	TAA
Chromium, Total	12.3		mg/kg	0.886	0.085	2	04/20/24 10:00	04/22/24 19:33	EPA 3050B	1,6010D	TAA
Lead, Total	12.6		mg/kg	4.43	0.237	2	04/20/24 10:00	04/22/24 19:33	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.073	0.048	1	04/20/24 11:00	04/20/24 16:16	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.77	0.229	2	04/20/24 10:00	04/22/24 19:33	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.443	0.251	2	04/20/24 10:00	04/22/24 19:33	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-08
Client ID: EW-2 2-3
Sample Location: BUFFALO, NY
Date Collected: 04/19/24 13:35
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.99		mg/kg	0.919	0.191	2	04/20/24 10:00	04/22/24 19:56	EPA 3050B	1,6010D	TAA
Barium, Total	91.7		mg/kg	0.919	0.160	2	04/20/24 10:00	04/22/24 19:56	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.919	0.090	2	04/20/24 10:00	04/22/24 19:56	EPA 3050B	1,6010D	TAA
Chromium, Total	19.4		mg/kg	0.919	0.088	2	04/20/24 10:00	04/22/24 19:56	EPA 3050B	1,6010D	TAA
Lead, Total	14.9		mg/kg	4.60	0.246	2	04/20/24 10:00	04/22/24 19:56	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.078	0.051	1	04/20/24 11:00	04/20/24 16:20	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.84	0.237	2	04/20/24 10:00	04/22/24 19:56	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.460	0.260	2	04/20/24 10:00	04/22/24 19:56	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-09
Client ID: EW-3 2-3
Sample Location: BUFFALO, NY
Date Collected: 04/19/24 13:40
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.94		mg/kg	0.902	0.188	2	04/20/24 10:00	04/22/24 20:00	EPA 3050B	1,6010D	TAA
Barium, Total	83.8		mg/kg	0.902	0.157	2	04/20/24 10:00	04/22/24 20:00	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.902	0.088	2	04/20/24 10:00	04/22/24 20:00	EPA 3050B	1,6010D	TAA
Chromium, Total	13.2		mg/kg	0.902	0.087	2	04/20/24 10:00	04/22/24 20:00	EPA 3050B	1,6010D	TAA
Lead, Total	14.5		mg/kg	4.51	0.242	2	04/20/24 10:00	04/22/24 20:00	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.072	0.047	1	04/20/24 11:00	04/20/24 16:23	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.80	0.233	2	04/20/24 10:00	04/22/24 20:00	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.451	0.255	2	04/20/24 10:00	04/22/24 20:00	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-10 Date Collected: 04/19/24 13:45

Client ID: EW-4 2-3 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.51		mg/kg	0.892	0.185	2	04/20/24 10:00	04/22/24 20:03	EPA 3050B	1,6010D	TAA
Barium, Total	83.5		mg/kg	0.892	0.155	2	04/20/24 10:00	04/22/24 20:03	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.892	0.087	2	04/20/24 10:00	04/22/24 20:03	EPA 3050B	1,6010D	TAA
Chromium, Total	14.1		mg/kg	0.892	0.086	2	04/20/24 10:00	04/22/24 20:03	EPA 3050B	1,6010D	TAA
Lead, Total	13.9		mg/kg	4.46	0.239	2	04/20/24 10:00	04/22/24 20:03	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.074	0.048	1	04/20/24 11:00	04/20/24 16:26	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.78	0.230	2	04/20/24 10:00	04/22/24 20:03	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.446	0.252	2	04/20/24 10:00	04/22/24 20:03	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-11
Client ID: EW-5 2-3
Sample Location: BUFFALO, NY
Date Collected: 04/19/24 13:50
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.92		mg/kg	0.911	0.190	2	04/20/24 10:00	04/22/24 20:06	EPA 3050B	1,6010D	TAA
Barium, Total	78.7		mg/kg	0.911	0.158	2	04/20/24 10:00	04/22/24 20:06	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.911	0.089	2	04/20/24 10:00	04/22/24 20:06	EPA 3050B	1,6010D	TAA
Chromium, Total	12.7		mg/kg	0.911	0.088	2	04/20/24 10:00	04/22/24 20:06	EPA 3050B	1,6010D	TAA
Lead, Total	15.0		mg/kg	4.56	0.244	2	04/20/24 10:00	04/22/24 20:06	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.073	0.047	1	04/20/24 11:00	04/20/24 16:30	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.82	0.235	2	04/20/24 10:00	04/22/24 20:06	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.456	0.258	2	04/20/24 10:00	04/22/24 20:06	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-12
Client ID: SW-1 2-3
Sample Location: BUFFALO, NY
Date Collected: 04/19/24 14:00
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.88		mg/kg	0.918	0.191	2	04/20/24 10:00	04/22/24 20:10	EPA 3050B	1,6010D	TAA
Barium, Total	84.9		mg/kg	0.918	0.160	2	04/20/24 10:00	04/22/24 20:10	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.918	0.090	2	04/20/24 10:00	04/22/24 20:10	EPA 3050B	1,6010D	TAA
Chromium, Total	13.7		mg/kg	0.918	0.088	2	04/20/24 10:00	04/22/24 20:10	EPA 3050B	1,6010D	TAA
Lead, Total	14.4		mg/kg	4.59	0.246	2	04/20/24 10:00	04/22/24 20:10	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.074	0.048	1	04/20/24 11:00	04/20/24 16:33	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.84	0.237	2	04/20/24 10:00	04/22/24 20:10	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.459	0.260	2	04/20/24 10:00	04/22/24 20:10	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-13 Date Collected: 04/19/24 14:05

Client ID: SW-2 2-3 Date Received: 04/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.81		mg/kg	1.01	0.210	2	04/20/24 10:00	04/22/24 20:13	EPA 3050B	1,6010D	TAA
Barium, Total	156		mg/kg	1.01	0.176	2	04/20/24 10:00	04/22/24 20:13	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	1.01	0.099	2	04/20/24 10:00	04/22/24 20:13	EPA 3050B	1,6010D	TAA
Chromium, Total	24.7		mg/kg	1.01	0.097	2	04/20/24 10:00	04/22/24 20:13	EPA 3050B	1,6010D	TAA
Lead, Total	10.2		mg/kg	5.06	0.271	2	04/20/24 10:00	04/22/24 20:13	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.080	0.052	1	04/20/24 11:00	04/20/24 16:43	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	2.02	0.261	2	04/20/24 10:00	04/22/24 20:13	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.506	0.286	2	04/20/24 10:00	04/22/24 20:13	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2421779

Project Number: 4461.0001B002 **Report Date:** 04/23/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-13 Batch: WG1911039-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	04/20/24 10:00	04/21/24 14:52	1,6010D	MAM
Barium, Total	ND		mg/kg	0.400	0.070	1	04/20/24 10:00	04/21/24 14:52	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	04/20/24 10:00	04/21/24 14:52	1,6010D	MAM
Chromium, Total	ND		mg/kg	0.400	0.038	1	04/20/24 10:00	04/21/24 14:52	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	04/20/24 10:00	04/21/24 14:52	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	04/20/24 10:00	04/21/24 14:52	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	04/20/24 10:00	04/21/24 14:52	1,6010D	MAM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-13 Batch: WG1911042-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	04/20/24 11:00	04/20/24 15:23	1,7471B	DJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2421779

Report Date: 04/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 Batch: WG1911039-2								
Arsenic, Total	98		-		80-120	-		
Barium, Total	95		-		80-120	-		
Cadmium, Total	93		-		80-120	-		
Chromium, Total	95		-		80-120	-		
Lead, Total	102		-		80-120	-		
Selenium, Total	100		-		80-120	-		
Silver, Total	105		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-13 Batch: WG1911042-2								
Mercury, Total	100		-		72-128	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421779
Report Date: 04/23/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1911039-3 QC Sample: L2421779-01 Client ID: B-10 4												
Arsenic, Total	3.64	10.7	13.8	95		-	-		75-125	-		20
Barium, Total	73.4	178	216	80		-	-		75-125	-		20
Cadmium, Total	ND	4.73	3.80	80		-	-		75-125	-		20
Chromium, Total	12.5	17.8	25.5	**73**	Q	-	-		75-125	-		20
Lead, Total	30.5	47.3	63.6	**70**	Q	-	-		75-125	-		20
Selenium, Total	ND	10.7	8.68	81		-	-		75-125	-		20
Silver, Total	ND	4.46	4.29	96		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1911042-3 QC Sample: L2421733-01 Client ID: MS Sample												
Mercury, Total	ND	1.68	1.70	101		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421779
Report Date: 04/23/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1911039-4 QC Sample: L2421779-01 Client ID: B-10 4						
Arsenic, Total	3.64	3.24	mg/kg	12		20
Barium, Total	73.4	61.4	mg/kg	18		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	12.5	10.2	mg/kg	20		20
Lead, Total	30.5	18.2	mg/kg	**51**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1911042-4 QC Sample: L2421733-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2421779
Report Date: 04/23/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1911039-6 QC Sample: L2421779-01 Client ID: B-10 4						
Barium, Total	73.4	76.7	mg/kg	4		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-01
Client ID: B-10 4
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:00
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	04/20/24 06:31	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-02
Client ID: B-11 4
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:05
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	04/20/24 06:31	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-03
Client ID: B-12 4
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:10
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	04/20/24 06:31	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-04
Client ID: B-13 4
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:15
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.8		%	0.100	NA	1	-	04/20/24 06:31	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-05
Client ID: B-14 4
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:20
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.3		%	0.100	NA	1	-	04/20/24 06:31	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-06
Client ID: B-15 4
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:25
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	04/20/24 06:31	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-07
Client ID: B-16 4
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:30
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	04/20/24 06:31	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-08
Client ID: EW-2 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:35
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.8		%	0.100	NA	1	-	04/20/24 06:31	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-09
Client ID: EW-3 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:40
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	04/20/24 06:31	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-10
Client ID: EW-4 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:45
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	04/20/24 06:31	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-11
Client ID: EW-5 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 13:50
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	04/20/24 06:31	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-12
Client ID: SW-1 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 14:00
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	04/20/24 06:31	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421779
Report Date: 04/23/24

SAMPLE RESULTS

Lab ID: L2421779-13
Client ID: SW-2 2-3
Sample Location: BUFFALO, NY

Date Collected: 04/19/24 14:05
Date Received: 04/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.3		%	0.100	NA	1	-	04/20/24 10:03	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2421779

Report Date: 04/23/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG1911007-1 QC Sample: L2421170-13 Client ID: DUP Sample						
Solids, Total	87.3	87.2	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 13 QC Batch ID: WG1911045-1 QC Sample: L2421625-10 Client ID: DUP Sample						
Solids, Total	90.3	90.4	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421779
Report Date: 04/23/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2421779-01A	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2421779-01B	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2421779-02A	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2421779-02B	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2421779-03A	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2421779-03B	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2421779-04A	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2421779-04B	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2421779-05A	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2421779-05B	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2421779-06A	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2421779-06B	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2421779-07A	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2421779-07B	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2421779-08A	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2421779-08B	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421779
Report Date: 04/23/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2421779-09A	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2421779-09B	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2421779-10A	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2421779-10B	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2421779-11A	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2421779-11B	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2421779-12A	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2421779-12B	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2421779-13A	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2421779-13B	Glass 120ml/4oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2421779
Project Number:	4461.0001B002	**Report Date:**	04/23/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2421779
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2421779
Project Number:	4461.0001B002	**Report Date:**	04/23/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2421779
Project Number:	4461.0001B002	**Report Date:**	04/23/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 4/20/24

ALPHA Job #: L2421779

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: amunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	Sample Specific Comments
21779-01	B-10 4	4-19-24	1300	Soil	CEH	X	X	
-02	B-11 4		1305			X	X	
-03	B-12 4		1310			X	X	
-04	B-13 4		1315			X	X	
-05	B-14 4		1320			X	X	
-06	B-15 4		1325			X	X	
-07	B-16 4		1330			X	X	
-08	EW-2 2-3		1335			X	X	
-09	EW-3 2-3		1340			X	X	
-10	EW-4 2-3		1345			X	X	

Container Type: A A
Preservative: A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Chris Horbrejta	4-19-24 / 15:15	C. Jungkuist	4-19-24 5:15
C. Jungkuist	4-19-24 5:16		4/20/24 0030

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 4/20/24

ALPHA Job #: L2121779

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmuney@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project # 4461.0001.B003
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	Total Bottle
21779-11	EW-5 2-3	4-19-24	1350	So:1	CEH	X	X	
-12	SW-1 2-3	4-19-24	1400	So:1	CEH	X	X	
-13	SW-2 2-3	4-19-24	1405	So:1	CEH	X	X	

Container Type: A A
Preservative: A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Charity Hochreiter	4-19-24 / 1515	C. Jungkeit	4-19-24 15:15
C. Jungkeit	4-19-24 1516		4/20/24 0020

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2424265
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	05/06/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2424265-01	NC B-12 4	SOIL	BUFFALO, NY	05/02/24 10:00	05/02/24
L2424265-02	NC B-13 4	SOIL	BUFFALO, NY	05/02/24 10:10	05/02/24
L2424265-03	NC B-14 4	SOIL	BUFFALO, NY	05/02/24 10:15	05/02/24
L2424265-04	NC B-15 4	SOIL	BUFFALO, NY	05/02/24 10:20	05/02/24
L2424265-05	NC B-16 4	SOIL	BUFFALO, NY	05/02/24 10:25	05/02/24
L2424265-06	NC B-17 4	SOIL	BUFFALO, NY	05/02/24 10:30	05/02/24
L2424265-07	NC B-18 4	SOIL	BUFFALO, NY	05/02/24 10:35	05/02/24
L2424265-08	NC B-19 4	SOIL	BUFFALO, NY	05/02/24 10:40	05/02/24
L2424265-09	NC B-20 4	SOIL	BUFFALO, NY	05/02/24 10:45	05/02/24
L2424265-10	NC B-21 4	SOIL	BUFFALO, NY	05/02/24 10:50	05/02/24
L2424265-11	NC B-22 4	SOIL	BUFFALO, NY	05/02/24 10:55	05/02/24
L2424265-12	NC SW-5 2-3	SOIL	BUFFALO, NY	05/02/24 10:05	05/02/24
L2424265-13	NC SW-6 2-3	SOIL	BUFFALO, NY	05/02/24 11:00	05/02/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424265
Project Number:	4461.0001B002	**Report Date:**	05/06/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265
Project Number: 4461.0001B002 **Report Date:** 05/06/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2424265-01 through -13: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 05/06/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-01
Client ID: NC B-12 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:00
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/03/24 16:17
Analyst: JG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	41	J	ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	200		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	84	J	ug/kg	110	21.	1
Benzo(a)pyrene	70	J	ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-01 Date Collected: 05/02/24 10:00

Client ID: NC B-12 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	89	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	74	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	54	J	ug/kg	110	37.	1
Benzo(ghi)perylene	36	J	ug/kg	150	22.	1
Fluorene	31	J	ug/kg	190	18.	1
Phenanthrene	170		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	36	J	ug/kg	150	26.	1
Pyrene	150		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	19	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	30	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-01 Date Collected: 05/02/24 10:00

Client ID: NC B-12 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	67		18-120

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-02
Client ID: NC B-13 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:10
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/03/24 16:41
Analyst: JG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-02 Date Collected: 05/02/24 10:10

Client ID: NC B-13 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-02 Date Collected: 05/02/24 10:10

Client ID: NC B-13 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	70		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-03
Client ID: NC B-14 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:15
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/03/24 17:05
Analyst: JG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-03 Date Collected: 05/02/24 10:15

Client ID: NC B-14 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-03 Date Collected: 05/02/24 10:15

Client ID: NC B-14 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	68		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-04
Client ID: NC B-15 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:20
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/03/24 17:28
Analyst: JG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	140		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	54	J	ug/kg	110	21.	1
Benzo(a)pyrene	52	J	ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-04 Date Collected: 05/02/24 10:20

Client ID: NC B-15 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	58	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	47	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	35	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	69	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	33	J	ug/kg	150	26.	1
Pyrene	120		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-04 Date Collected: 05/02/24 10:20

Client ID: NC B-15 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	72		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-05
Client ID: NC B-16 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:25
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/03/24 17:52
Analyst: JG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 05:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	27	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-05 Date Collected: 05/02/24 10:25

Client ID: NC B-16 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	21	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-05 Date Collected: 05/02/24 10:25

Client ID: NC B-16 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	76		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-06
Client ID: NC B-17 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:30
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/04/24 11:53
Analyst: EK
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	150	44.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-06 Date Collected: 05/02/24 10:30

Client ID: NC B-17 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-06 Date Collected: 05/02/24 10:30

Client ID: NC B-17 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	64		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-07
Client ID: NC B-18 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:35
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/04/24 12:16
Analyst: EK
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-07 Date Collected: 05/02/24 10:35

Client ID: NC B-18 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-07 Date Collected: 05/02/24 10:35

Client ID: NC B-18 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	75		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-08
Client ID: NC B-19 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:40
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/04/24 12:40
Analyst: EK
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-08 Date Collected: 05/02/24 10:40

Client ID: NC B-19 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-08 Date Collected: 05/02/24 10:40

Client ID: NC B-19 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	81		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-09
Client ID: NC B-20 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:45
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/04/24 13:03
Analyst: EK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-09 Date Collected: 05/02/24 10:45

Client ID: NC B-20 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-09 Date Collected: 05/02/24 10:45

Client ID: NC B-20 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	86		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-10
Client ID: NC B-21 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:50
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/04/24 13:26
Analyst: EK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	83	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	41	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-10 Date Collected: 05/02/24 10:50

Client ID: NC B-21 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	47	J	ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	37	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	25	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	56	J	ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	65	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-10 Date Collected: 05/02/24 10:50

Client ID: NC B-21 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	67		18-120

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-11
Client ID: NC B-22 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:55
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/04/24 13:49
Analyst: EK
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-11 Date Collected: 05/02/24 10:55

Client ID: NC B-22 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-11 Date Collected: 05/02/24 10:55

Client ID: NC B-22 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	85		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-12
Client ID: NC SW-5 2-3
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:05
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/04/24 14:12
Analyst: EK
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-12 Date Collected: 05/02/24 10:05

Client ID: NC SW-5 2-3 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	54.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-12 Date Collected: 05/02/24 10:05

Client ID: NC SW-5 2-3 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	73		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-13
Client ID: NC SW-6 2-3
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 11:00
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/04/24 14:35
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	140		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	72	J	ug/kg	110	21.	1
Benzo(a)pyrene	65	J	ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-13 Date Collected: 05/02/24 11:00

Client ID: NC SW-6 2-3 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	81	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	63	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	40	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	120		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	38	J	ug/kg	150	26.	1
Pyrene	110		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-13 Date Collected: 05/02/24 11:00

Client ID: NC SW-6 2-3 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	79		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/03/24 02:46
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/02/24 18:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1916448-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/03/24 02:46
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/02/24 18:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1916448-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/03/24 02:46
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/02/24 18:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1916448-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	79		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/04/24 10:44
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-13 Batch: WG1916612-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/04/24 10:44
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-13 Batch: WG1916612-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/04/24 10:44
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-13 Batch: WG1916612-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	104		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424265

Report Date: 05/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1916448-2 WG1916448-3								
Acenaphthene	70		77		31-137	10		50
Hexachlorobenzene	88		98		40-140	11		50
Bis(2-chloroethyl)ether	59		63		40-140	7		50
2-Chloronaphthalene	76		82		40-140	8		50
3,3'-Dichlorobenzidine	57		63		40-140	10		50
2,4-Dinitrotoluene	84		92		40-132	9		50
2,6-Dinitrotoluene	90		99		40-140	10		50
Fluoranthene	75		82		40-140	9		50
4-Chlorophenyl phenyl ether	74		83		40-140	11		50
4-Bromophenyl phenyl ether	82		91		40-140	10		50
Bis(2-chloroisopropyl)ether	47		50		40-140	6		50
Bis(2-chloroethoxy)methane	64		70		40-117	9		50
Hexachlorobutadiene	81		87		40-140	7		50
Hexachlorocyclopentadiene	114		126		40-140	10		50
Hexachloroethane	67		71		40-140	6		50
Isophorone	63		68		40-140	8		50
Naphthalene	67		72		40-140	7		50
Nitrobenzene	63		68		40-140	8		50
NDPA/DPA	74		82		36-157	10		50
n-Nitrosodi-n-propylamine	61		67		32-121	9		50
Bis(2-ethylhexyl)phthalate	78		86		40-140	10		50
Butyl benzyl phthalate	85		94		40-140	10		50
Di-n-butylphthalate	77		85		40-140	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424265

Report Date: 05/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1916448-2 WG1916448-3								
Di-n-octylphthalate	82		91		40-140	10		50
Diethyl phthalate	76		85		40-140	11		50
Dimethyl phthalate	80		88		40-140	10		50
Benzo(a)anthracene	69		77		40-140	11		50
Benzo(a)pyrene	76		85		40-140	11		50
Benzo(b)fluoranthene	72		80		40-140	11		50
Benzo(k)fluoranthene	77		85		40-140	10		50
Chrysene	70		76		40-140	8		50
Acenaphthylene	76		83		40-140	9		50
Anthracene	71		80		40-140	12		50
Benzo(ghi)perylene	72		78		40-140	8		50
Fluorene	73		80		40-140	9		50
Phenanthrene	69		76		40-140	10		50
Dibenzo(a,h)anthracene	71		78		40-140	9		50
Indeno(1,2,3-cd)pyrene	72		78		40-140	8		50
Pyrene	74		81		35-142	9		50
Biphenyl	69		75		37-127	8		50
4-Chloroaniline	57		63		40-140	10		50
2-Nitroaniline	88		98		47-134	11		50
3-Nitroaniline	67		72		26-129	7		50
4-Nitroaniline	64		74		41-125	14		50
Dibenzofuran	71		78		40-140	9		50
2-Methylnaphthalene	73		80		40-140	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1916448-2 WG1916448-3								
1,2,4,5-Tetrachlorobenzene	73		80		40-117	9		50
Acetophenone	60		66		14-144	10		50
2,4,6-Trichlorophenol	87		97		30-130	11		50
p-Chloro-m-cresol	77		85		26-103	10		50
2-Chlorophenol	70		76		25-102	8		50
2,4-Dichlorophenol	78		84		30-130	7		50
2,4-Dimethylphenol	86		93		30-130	8		50
2-Nitrophenol	85		95		30-130	11		50
4-Nitrophenol	79		88		11-114	11		50
2,4-Dinitrophenol	96		105		4-130	9		50
4,6-Dinitro-o-cresol	96		106		10-130	10		50
Pentachlorophenol	101		**110**	Q	17-109	9		50
Phenol	59		64		26-90	8		50
2-Methylphenol	67		75		30-130.	11		50
3-Methylphenol/4-Methylphenol	73		80		30-130	9		50
2,4,5-Trichlorophenol	88		98		30-130	11		50
Carbazole	70		76		54-128	8		50
Atrazine	67		74		40-140	10		50
Benzaldehyde	58		62		40-140	7		50
Caprolactam	60		64		15-130	6		50
2,3,4,6-Tetrachlorophenol	85		94		40-140	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424265

Report Date: 05/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1916448-2 WG1916448-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		69		25-120
Phenol-d6	62		68		10-120
Nitrobenzene-d5	63		68		23-120
2-Fluorobiphenyl	74		80		30-120
2,4,6-Tribromophenol	101		110		10-136
4-Terphenyl-d14	74		81		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424265

Report Date: 05/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-13 Batch: WG1916612-2 WG1916612-3								
Acenaphthene	87		97		31-137	11		50
Hexachlorobenzene	87		100		40-140	14		50
Bis(2-chloroethyl)ether	82		89		40-140	8		50
2-Chloronaphthalene	86		95		40-140	10		50
3,3'-Dichlorobenzidine	70		71		40-140	1		50
2,4-Dinitrotoluene	97		112		40-132	14		50
2,6-Dinitrotoluene	97		103		40-140	6		50
Fluoranthene	96		107		40-140	11		50
4-Chlorophenyl phenyl ether	89		105		40-140	16		50
4-Bromophenyl phenyl ether	89		102		40-140	14		50
Bis(2-chloroisopropyl)ether	84		92		40-140	9		50
Bis(2-chloroethoxy)methane	86		91		40-117	6		50
Hexachlorobutadiene	83		91		40-140	9		50
Hexachlorocyclopentadiene	79		89		40-140	12		50
Hexachloroethane	79		87		40-140	10		50
Isophorone	86		92		40-140	7		50
Naphthalene	86		92		40-140	7		50
Nitrobenzene	91		99		40-140	8		50
NDPA/DPA	92		103		36-157	11		50
n-Nitrosodi-n-propylamine	86		94		32-121	9		50
Bis(2-ethylhexyl)phthalate	93		102		40-140	9		50
Butyl benzyl phthalate	92		107		40-140	15		50
Di-n-butylphthalate	96		108		40-140	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424265

Report Date: 05/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-13 Batch: WG1916612-2 WG1916612-3								
Di-n-octylphthalate	89		101		40-140	13		50
Diethyl phthalate	89		101		40-140	13		50
Dimethyl phthalate	91		99		40-140	8		50
Benzo(a)anthracene	91		98		40-140	7		50
Benzo(a)pyrene	92		102		40-140	10		50
Benzo(b)fluoranthene	90		97		40-140	7		50
Benzo(k)fluoranthene	92		101		40-140	9		50
Chrysene	89		97		40-140	9		50
Acenaphthylene	91		101		40-140	10		50
Anthracene	94		104		40-140	10		50
Benzo(ghi)perylene	90		97		40-140	7		50
Fluorene	88		100		40-140	13		50
Phenanthrene	91		100		40-140	9		50
Dibenzo(a,h)anthracene	91		101		40-140	10		50
Indeno(1,2,3-cd)pyrene	90		98		40-140	9		50
Pyrene	94		105		35-142	11		50
Biphenyl	80		87		37-127	8		50
4-Chloroaniline	73		79		40-140	8		50
2-Nitroaniline	94		102		47-134	8		50
3-Nitroaniline	77		83		26-129	8		50
4-Nitroaniline	89		96		41-125	8		50
Dibenzofuran	88		103		40-140	16		50
2-Methylnaphthalene	88		95		40-140	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-13 Batch: WG1916612-2 WG1916612-3								
1,2,4,5-Tetrachlorobenzene	78		87		40-117	11		50
Acetophenone	79		85		14-144	7		50
2,4,6-Trichlorophenol	92		102		30-130	10		50
p-Chloro-m-cresol	95		103		26-103	8		50
2-Chlorophenol	87		95		25-102	9		50
2,4-Dichlorophenol	92		97		30-130	5		50
2,4-Dimethylphenol	87		93		30-130	7		50
2-Nitrophenol	91		98		30-130	7		50
4-Nitrophenol	101		**118**	Q	11-114	16		50
2,4-Dinitrophenol	84		96		4-130	13		50
4,6-Dinitro-o-cresol	98		110		10-130	12		50
Pentachlorophenol	84		96		17-109	13		50
Phenol	88		**94**	Q	26-90	7		50
2-Methylphenol	90		98		30-130.	9		50
3-Methylphenol/4-Methylphenol	95		101		30-130	6		50
2,4,5-Trichlorophenol	95		103		30-130	8		50
Carbazole	92		102		54-128	10		50
Atrazine	78		89		40-140	13		50
Benzaldehyde	66		74		40-140	11		50
Caprolactam	88		97		15-130	10		50
2,3,4,6-Tetrachlorophenol	95		108		40-140	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424265

Report Date: 05/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-13 Batch: WG1916612-2 WG1916612-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	87		95		25-120
Phenol-d6	87		96		10-120
Nitrobenzene-d5	90		98		23-120
2-Fluorobiphenyl	87		97		30-120
2,4,6-Tribromophenol	92		106		10-136
4-Terphenyl-d14	94		106		18-120

METALS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-01 Date Collected: 05/02/24 10:00

Client ID: NC B-12 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.66		mg/kg	0.899	0.187	2	05/04/24 00:31	05/04/24 13:03	EPA 3050B	1,6010D	MAM
Barium, Total	72.2		mg/kg	0.899	0.156	2	05/04/24 00:31	05/04/24 13:03	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.126	J	mg/kg	0.899	0.088	2	05/04/24 00:31	05/04/24 13:03	EPA 3050B	1,6010D	MAM
Chromium, Total	13.0		mg/kg	0.899	0.086	2	05/04/24 00:31	05/04/24 13:03	EPA 3050B	1,6010D	MAM
Lead, Total	16.3		mg/kg	4.49	0.241	2	05/04/24 00:31	05/04/24 13:03	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.079	0.051	1	05/04/24 01:30	05/06/24 08:04	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.80	0.232	2	05/04/24 00:31	05/04/24 13:03	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.449	0.254	2	05/04/24 00:31	05/04/24 13:03	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-02 Date Collected: 05/02/24 10:10

Client ID: NC B-13 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.98		mg/kg	0.849	0.176	2	05/04/24 00:31	05/04/24 13:49	EPA 3050B	1,6010D	MAM
Barium, Total	91.3		mg/kg	0.849	0.148	2	05/04/24 00:31	05/04/24 13:49	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.109	J	mg/kg	0.849	0.083	2	05/04/24 00:31	05/04/24 13:49	EPA 3050B	1,6010D	MAM
Chromium, Total	13.8		mg/kg	0.849	0.082	2	05/04/24 00:31	05/04/24 13:49	EPA 3050B	1,6010D	MAM
Lead, Total	16.1		mg/kg	4.24	0.227	2	05/04/24 00:31	05/04/24 13:49	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.072	0.047	1	05/04/24 01:30	05/06/24 09:56	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.70	0.219	2	05/04/24 00:31	05/04/24 13:49	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.424	0.240	2	05/04/24 00:31	05/04/24 13:49	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-03
Client ID: NC B-14 4
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 10:15
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.83		mg/kg	0.891	0.185	2	05/04/24 00:31	05/04/24 13:54	EPA 3050B	1,6010D	MAM
Barium, Total	106		mg/kg	0.891	0.155	2	05/04/24 00:31	05/04/24 13:54	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.116	J	mg/kg	0.891	0.087	2	05/04/24 00:31	05/04/24 13:54	EPA 3050B	1,6010D	MAM
Chromium, Total	14.8		mg/kg	0.891	0.086	2	05/04/24 00:31	05/04/24 13:54	EPA 3050B	1,6010D	MAM
Lead, Total	15.4		mg/kg	4.45	0.239	2	05/04/24 00:31	05/04/24 13:54	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.081	0.053	1	05/04/24 01:30	05/06/24 08:48	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.78	0.230	2	05/04/24 00:31	05/04/24 13:54	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.445	0.252	2	05/04/24 00:31	05/04/24 13:54	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Lab Number: L2424265
Project Number: 4461.0001B002
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-04
Client ID: NC B-15 4
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 10:20
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.98		mg/kg	0.912	0.190	2	05/04/24 00:31	05/04/24 13:58	EPA 3050B	1,6010D	MAM
Barium, Total	107		mg/kg	0.912	0.159	2	05/04/24 00:31	05/04/24 13:58	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.154	J	mg/kg	0.912	0.089	2	05/04/24 00:31	05/04/24 13:58	EPA 3050B	1,6010D	MAM
Chromium, Total	14.2		mg/kg	0.912	0.088	2	05/04/24 00:31	05/04/24 13:58	EPA 3050B	1,6010D	MAM
Lead, Total	30.3		mg/kg	4.56	0.244	2	05/04/24 00:31	05/04/24 13:58	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.072	0.047	1	05/04/24 01:30	05/06/24 09:06	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.82	0.235	2	05/04/24 00:31	05/04/24 13:58	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.456	0.258	2	05/04/24 00:31	05/04/24 13:58	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-05
Client ID: NC B-16 4
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 10:25
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.01		mg/kg	0.868	0.181	2	05/04/24 00:31	05/04/24 14:03	EPA 3050B	1,6010D	MAM
Barium, Total	85.7		mg/kg	0.868	0.151	2	05/04/24 00:31	05/04/24 14:03	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.136	J	mg/kg	0.868	0.085	2	05/04/24 00:31	05/04/24 14:03	EPA 3050B	1,6010D	MAM
Chromium, Total	14.0		mg/kg	0.868	0.083	2	05/04/24 00:31	05/04/24 14:03	EPA 3050B	1,6010D	MAM
Lead, Total	22.2		mg/kg	4.34	0.233	2	05/04/24 00:31	05/04/24 14:03	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.074	0.048	1	05/04/24 01:30	05/06/24 09:09	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.74	0.224	2	05/04/24 00:31	05/04/24 14:03	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.434	0.246	2	05/04/24 00:31	05/04/24 14:03	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-06
Client ID: NC B-17 4
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 10:30
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.64		mg/kg	0.880	0.183	2	05/04/24 00:31	05/04/24 14:07	EPA 3050B	1,6010D	MAM
Barium, Total	92.0		mg/kg	0.880	0.153	2	05/04/24 00:31	05/04/24 14:07	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.128	J	mg/kg	0.880	0.086	2	05/04/24 00:31	05/04/24 14:07	EPA 3050B	1,6010D	MAM
Chromium, Total	13.8		mg/kg	0.880	0.084	2	05/04/24 00:31	05/04/24 14:07	EPA 3050B	1,6010D	MAM
Lead, Total	14.7		mg/kg	4.40	0.236	2	05/04/24 00:31	05/04/24 14:07	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/04/24 01:30	05/06/24 09:12	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.76	0.227	2	05/04/24 00:31	05/04/24 14:07	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.440	0.249	2	05/04/24 00:31	05/04/24 14:07	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Lab Number: L2424265
Project Number: 4461.0001B002
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-07
Client ID: NC B-18 4
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 10:35
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.95		mg/kg	0.867	0.180	2	05/04/24 00:31	05/04/24 14:31	EPA 3050B	1,6010D	MAM
Barium, Total	80.0		mg/kg	0.867	0.151	2	05/04/24 00:31	05/04/24 14:31	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.140	J	mg/kg	0.867	0.085	2	05/04/24 00:31	05/04/24 14:31	EPA 3050B	1,6010D	MAM
Chromium, Total	14.3		mg/kg	0.867	0.083	2	05/04/24 00:31	05/04/24 14:31	EPA 3050B	1,6010D	MAM
Lead, Total	20.2		mg/kg	4.34	0.232	2	05/04/24 00:31	05/04/24 14:31	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.079	0.052	1	05/04/24 01:30	05/06/24 09:16	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.73	0.224	2	05/04/24 00:31	05/04/24 14:31	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.434	0.245	2	05/04/24 00:31	05/04/24 14:31	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-08 Date Collected: 05/02/24 10:40

Client ID: NC B-19 4 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.46		mg/kg	0.874	0.182	2	05/04/24 00:31	05/04/24 14:35	EPA 3050B	1,6010D	MAM
Barium, Total	70.7		mg/kg	0.874	0.152	2	05/04/24 00:31	05/04/24 14:35	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.131	J	mg/kg	0.874	0.086	2	05/04/24 00:31	05/04/24 14:35	EPA 3050B	1,6010D	MAM
Chromium, Total	12.1		mg/kg	0.874	0.084	2	05/04/24 00:31	05/04/24 14:35	EPA 3050B	1,6010D	MAM
Lead, Total	13.9		mg/kg	4.37	0.234	2	05/04/24 00:31	05/04/24 14:35	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.078	0.051	1	05/04/24 01:30	05/06/24 09:19	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.75	0.225	2	05/04/24 00:31	05/04/24 14:35	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.437	0.247	2	05/04/24 00:31	05/04/24 14:35	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Lab Number: L2424265
Project Number: 4461.0001B002
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-09
Client ID: NC B-20 4
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 10:45
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.06		mg/kg	0.886	0.184	2	05/04/24 00:31	05/04/24 14:40	EPA 3050B	1,6010D	MAM
Barium, Total	98.6		mg/kg	0.886	0.154	2	05/04/24 00:31	05/04/24 14:40	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.131	J	mg/kg	0.886	0.087	2	05/04/24 00:31	05/04/24 14:40	EPA 3050B	1,6010D	MAM
Chromium, Total	15.6		mg/kg	0.886	0.085	2	05/04/24 00:31	05/04/24 14:40	EPA 3050B	1,6010D	MAM
Lead, Total	21.7		mg/kg	4.43	0.237	2	05/04/24 00:31	05/04/24 14:40	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.074	0.048	1	05/04/24 01:30	05/06/24 09:22	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.77	0.228	2	05/04/24 00:31	05/04/24 14:40	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.443	0.251	2	05/04/24 00:31	05/04/24 14:40	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Lab Number: L2424265
Project Number: 4461.0001B002
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-10
Client ID: NC B-21 4
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 10:50
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.59		mg/kg	0.894	0.186	2	05/04/24 00:31	05/04/24 14:44	EPA 3050B	1,6010D	MAM
Barium, Total	105		mg/kg	0.894	0.156	2	05/04/24 00:31	05/04/24 14:44	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.147	J	mg/kg	0.894	0.088	2	05/04/24 00:31	05/04/24 14:44	EPA 3050B	1,6010D	MAM
Chromium, Total	13.5		mg/kg	0.894	0.086	2	05/04/24 00:31	05/04/24 14:44	EPA 3050B	1,6010D	MAM
Lead, Total	20.1		mg/kg	4.47	0.240	2	05/04/24 00:31	05/04/24 14:44	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.078	0.051	1	05/04/24 01:30	05/06/24 09:26	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.79	0.231	2	05/04/24 00:31	05/04/24 14:44	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.447	0.253	2	05/04/24 00:31	05/04/24 14:44	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Lab Number: L2424265
Project Number: 4461.0001B002
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-11
Client ID: NC B-22 4
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 10:55
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.95		mg/kg	0.902	0.188	2	05/04/24 00:31	05/04/24 14:49	EPA 3050B	1,6010D	MAM
Barium, Total	74.0		mg/kg	0.902	0.157	2	05/04/24 00:31	05/04/24 14:49	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.138	J	mg/kg	0.902	0.088	2	05/04/24 00:31	05/04/24 14:49	EPA 3050B	1,6010D	MAM
Chromium, Total	12.7		mg/kg	0.902	0.087	2	05/04/24 00:31	05/04/24 14:49	EPA 3050B	1,6010D	MAM
Lead, Total	16.0		mg/kg	4.51	0.242	2	05/04/24 00:31	05/04/24 14:49	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.072	0.047	1	05/04/24 01:30	05/06/24 09:29	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.80	0.232	2	05/04/24 00:31	05/04/24 14:49	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.451	0.255	2	05/04/24 00:31	05/04/24 14:49	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Lab Number: L2424265
Project Number: 4461.0001B002
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-12
Client ID: NC SW-5 2-3
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 10:05
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.26		mg/kg	0.958	0.199	2	05/04/24 00:31	05/04/24 14:53	EPA 3050B	1,6010D	MAM
Barium, Total	138		mg/kg	0.958	0.167	2	05/04/24 00:31	05/04/24 14:53	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.109	J	mg/kg	0.958	0.094	2	05/04/24 00:31	05/04/24 14:53	EPA 3050B	1,6010D	MAM
Chromium, Total	21.2		mg/kg	0.958	0.092	2	05/04/24 00:31	05/04/24 14:53	EPA 3050B	1,6010D	MAM
Lead, Total	10.8		mg/kg	4.79	0.257	2	05/04/24 00:31	05/04/24 14:53	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.080	0.052	1	05/04/24 01:30	05/06/24 09:32	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.92	0.247	2	05/04/24 00:31	05/04/24 14:53	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.479	0.271	2	05/04/24 00:31	05/04/24 14:53	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Lab Number: L2424265
Project Number: 4461.0001B002
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-13
Client ID: NC SW-6 2-3
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 11:00
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.98		mg/kg	0.917	0.191	2	05/04/24 00:31	05/04/24 14:58	EPA 3050B	1,6010D	MAM
Barium, Total	98.2		mg/kg	0.917	0.160	2	05/04/24 00:31	05/04/24 14:58	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.917	0.090	2	05/04/24 00:31	05/04/24 14:58	EPA 3050B	1,6010D	MAM
Chromium, Total	18.0		mg/kg	0.917	0.088	2	05/04/24 00:31	05/04/24 14:58	EPA 3050B	1,6010D	MAM
Lead, Total	25.7		mg/kg	4.58	0.246	2	05/04/24 00:31	05/04/24 14:58	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.080	0.052	1	05/04/24 01:30	05/06/24 09:36	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.83	0.236	2	05/04/24 00:31	05/04/24 14:58	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.458	0.260	2	05/04/24 00:31	05/04/24 14:58	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424265

Project Number: 4461.0001B002 **Report Date:** 05/06/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-13 Batch: WG1916553-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/04/24 00:31	05/04/24 12:40	1,6010D	MAM
Barium, Total	ND		mg/kg	0.400	0.070	1	05/04/24 00:31	05/04/24 12:40	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/04/24 00:31	05/04/24 12:40	1,6010D	MAM
Chromium, Total	ND		mg/kg	0.400	0.038	1	05/04/24 00:31	05/04/24 12:40	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	05/04/24 00:31	05/04/24 12:40	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/04/24 00:31	05/04/24 12:40	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	05/04/24 00:31	05/04/24 12:40	1,6010D	MAM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-13 Batch: WG1916557-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/04/24 01:30	05/06/24 07:57	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424265

Report Date: 05/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 Batch: WG1916553-2								
Arsenic, Total	102		-		80-120	-		
Barium, Total	104		-		80-120	-		
Cadmium, Total	105		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Lead, Total	104		-		80-120	-		
Selenium, Total	99		-		80-120	-		
Silver, Total	103		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-13 Batch: WG1916557-2								
Mercury, Total	101		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1916553-3 QC Sample: L2424265-01 Client ID: NC B-12 4												
Arsenic, Total	4.66	10.5	15.9	106		-	-		75-125	-		20
Barium, Total	72.2	176	273	114		-	-		75-125	-		20
Cadmium, Total	0.126J	4.66	4.17	90		-	-		75-125	-		20
Chromium, Total	13.0	17.6	29.8	96		-	-		75-125	-		20
Lead, Total	16.3	46.6	62.8	100		-	-		75-125	-		20
Selenium, Total	ND	10.5	8.64	82		-	-		75-125	-		20
Silver, Total	ND	4.39	4.57	104		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1916557-3 QC Sample: L2424265-01 Client ID: NC B-12 4												
Mercury, Total	ND	1.48	1.51	102		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424265

Report Date: 05/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1916553-4 QC Sample: L2424265-01 Client ID: NC B-12 4						
Arsenic, Total	4.66	4.54	mg/kg	3		20
Barium, Total	72.2	81.9	mg/kg	13		20
Cadmium, Total	0.126J	0.130J	mg/kg	NC		20
Chromium, Total	13.0	12.6	mg/kg	3		20
Lead, Total	16.3	16.1	mg/kg	1		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1916557-4 QC Sample: L2424265-01 Client ID: NC B-12 4						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-01
Client ID: NC B-12 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:00
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-02
Client ID: NC B-13 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:10
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-03
Client ID: NC B-14 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:15
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-04
Client ID: NC B-15 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:20
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-05
Client ID: NC B-16 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:25
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-06
Client ID: NC B-17 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:30
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-07
Client ID: NC B-18 4
Sample Location: BUFFALO, NY
Sample Depth:
Matrix: Soil

Date Collected: 05/02/24 10:35
Date Received: 05/02/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-08
Client ID: NC B-19 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:40
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-09
Client ID: NC B-20 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:45
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-10
Client ID: NC B-21 4
Sample Location: BUFFALO, NY
Sample Depth:
Matrix: Soil

Date Collected: 05/02/24 10:50
Date Received: 05/02/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-11
Client ID: NC B-22 4
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:55
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-12
Client ID: NC SW-5 2-3
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 10:05
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424265-13
Client ID: NC SW-6 2-3
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 11:00
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424265

Report Date: 05/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-13 QC Batch ID: WG1916675-1 QC Sample: L2424265-01 Client ID: NC B-12 4						
Solids, Total	87.4	87.5	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2424265-01A	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424265-01B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2424265-02A	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424265-02B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2424265-03A	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424265-03B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2424265-04A	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424265-04B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2424265-05A	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424265-05B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2424265-06A	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424265-06B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2424265-07A	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424265-07B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2424265-08A	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424265-08B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2424265-09A	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424265-09B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2424265-10A	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424265-10B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2424265-11A	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424265-11B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2424265-12A	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424265-12B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2424265-13A	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424265-13B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424265
Project Number:	4461.0001B002	**Report Date:**	05/06/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424265
Project Number:	4461.0001B002	**Report Date:**	05/06/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424265
Project Number:	4461.0001B002	**Report Date:**	05/06/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424265
Report Date: 05/06/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of

Date Rec'd in Lab: 5/3/24

ALPHA Job #: L2424265

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo
Project #: 4461.0001B002
(Use Project name as Project #)
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 2 Day TAT

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	Total Bottle	Sample Specific Comments
24265-01	NC B-12 4	5-2-24	1000	Soil	CEH	X	X		
-02	NC B-13 4		1010			X	X		
-03	NC B-14 4		1015			X	X		
-04	NC B-15 4		1020			X	X		
-05	NC B-16 4		1025			X	X		
-06	NC B-17 4		1030			X	X		
-07	NC B-18 4		1035			X	X		
-08	NC B-19 4		1040			X	X		
-09	NC B-20 4		1045			X	X		
-10	NC B-21 4		1050			X	X		

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Charity Hardwicke	5-2-24 1600	C. Quigley	5-2-24 1600
C. Quigley	5-2-24 1605		5/3/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 5/3/24

ALPHA Job #: L2424265

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo
Phone:
Fax:
Email: AMunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location:
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ **Done**
☐ **Lab to do**
Preservation
☐ **Lab to do**
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	Sample Specific Comments	Total Bottle
24265-11	NC B-22 4	5-2-24	1055	Soil	CEH	X	X		
-12	NC SW-5 2-3	5-2-24	1005	Soil	CEH	X	X		
-13	NC SW-6 2-3	5-2-24	1100	Soil	CEH	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
Chester Hafheitu	5-2-24 1600	C. Munley	5-2-24 1600
C. Munley	5-2-24 1605		5/3/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2424271
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	05/06/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424271
Report Date: 05/06/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2424271-01	TANK 1 B-2 17	SOIL	BUFFALO, NY	05/02/24 13:30	05/02/24
L2424271-02	TANK 1 B-3 17	SOIL	BUFFALO, NY	05/02/24 13:40	05/02/24
L2424271-03	TANK 1 B-4 17	SOIL	BUFFALO, NY	05/02/24 13:45	05/02/24
L2424271-04	TANK 1 NW-1 12-15	SOIL	BUFFALO, NY	05/02/24 13:20	05/02/24
L2424271-05	TANK 1 NW-2 12-15	SOIL	BUFFALO, NY	05/02/24 13:25	05/02/24
L2424271-06	TANK 1 SW-2 12-15	SOIL	BUFFALO, NY	05/02/24 13:35	05/02/24
L2424271-07	TANK 1 EW-1 12-15	SOIL	BUFFALO, NY	05/02/24 13:00	05/02/24
L2424271-08	TANK 1 EW-2 12-15	SOIL	BUFFALO, NY	05/02/24 13:05	05/02/24
L2424271-09	TANK 1 WW-1 12-15	SOIL	BUFFALO, NY	05/02/24 13:10	05/02/24
L2424271-10	TANK 1 WW-2 12-15	SOIL	BUFFALO, NY	05/02/24 13:15	05/02/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424271
Project Number:	4461.0001B002	**Report Date:**	05/06/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424271
Project Number:	4461.0001B002	**Report Date:**	05/06/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2424271-01 through -10: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2424271-01 through -10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1916556-3 MS recoveries for aluminum (0%), calcium (0%), iron (0%), magnesium (67%) and manganese (38%), performed on L2424271-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1916556-3 MS recovery, performed on L2424271-01, is outside the acceptance criteria for sodium (127%). A post digestion spike was performed and yielded an unacceptable recovery of 129%. The serial dilution recovery was not applicable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

The WG1916556-4 Laboratory Duplicate RPD for barium (33%), performed on L2424271-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 05/06/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-01
Client ID: TANK 1 B-2 17
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:30
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/03/24 13:53
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-01 Date Collected: 05/02/24 13:30

Client ID: TANK 1 B-2 17 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	5.4	J	ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
Methyl Acetate	ND		ug/kg	4.0	0.95	1
Cyclohexane	ND		ug/kg	10	0.54	1
1,4-Dioxane	ND		ug/kg	80	35.	1
Freon-113	ND		ug/kg	4.0	0.70	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	102		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-02
Client ID: TANK 1 B-3 17
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:40
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/03/24 14:19
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.50	0.19	1
Chlorobenzene	ND		ug/kg	0.50	0.12	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.16	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-02 Date Collected: 05/02/24 13:40

Client ID: TANK 1 B-3 17 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.91	1
Acetone	ND		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
n-Propylbenzene	ND		ug/kg	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
Methyl Acetate	ND		ug/kg	4.0	0.94	1
Cyclohexane	ND		ug/kg	9.9	0.54	1
1,4-Dioxane	ND		ug/kg	79	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-03
Client ID: TANK 1 B-4 17
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:45
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/03/24 14:46
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-03 Date Collected: 05/02/24 13:45

Client ID: TANK 1 B-4 17 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
Methyl Acetate	ND		ug/kg	3.8	0.89	1
Cyclohexane	ND		ug/kg	9.4	0.51	1
1,4-Dioxane	ND		ug/kg	75	33.	1
Freon-113	ND		ug/kg	3.8	0.65	1
Methyl cyclohexane	ND		ug/kg	3.8	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-04
Client ID: TANK 1 NW-1 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:20
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/03/24 15:12
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3.2	1.5	1
1,1-Dichloroethane	ND		ug/kg	0.64	0.09	1
Chloroform	ND		ug/kg	0.96	0.09	1
Carbon tetrachloride	ND		ug/kg	0.64	0.15	1
1,2-Dichloropropane	ND		ug/kg	0.64	0.08	1
Dibromochloromethane	ND		ug/kg	0.64	0.09	1
1,1,2-Trichloroethane	ND		ug/kg	0.64	0.17	1
Tetrachloroethene	ND		ug/kg	0.32	0.13	1
Chlorobenzene	ND		ug/kg	0.32	0.08	1
Trichlorofluoromethane	ND		ug/kg	2.6	0.45	1
1,2-Dichloroethane	ND		ug/kg	0.64	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	0.32	0.11	1
Bromodichloromethane	ND		ug/kg	0.32	0.07	1
trans-1,3-Dichloropropene	ND		ug/kg	0.64	0.18	1
cis-1,3-Dichloropropene	ND		ug/kg	0.32	0.10	1
Bromoform	ND		ug/kg	2.6	0.16	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.32	0.11	1
Benzene	ND		ug/kg	0.32	0.11	1
Toluene	ND		ug/kg	0.64	0.35	1
Ethylbenzene	ND		ug/kg	0.64	0.09	1
Chloromethane	ND		ug/kg	2.6	0.60	1
Bromomethane	ND		ug/kg	1.3	0.37	1
Vinyl chloride	ND		ug/kg	0.64	0.22	1
Chloroethane	ND		ug/kg	1.3	0.29	1
1,1-Dichloroethene	ND		ug/kg	0.64	0.15	1
trans-1,2-Dichloroethene	ND		ug/kg	0.96	0.09	1
Trichloroethene	ND		ug/kg	0.32	0.09	1
1,2-Dichlorobenzene	ND		ug/kg	1.3	0.09	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-04 Date Collected: 05/02/24 13:20

Client ID: TANK 1 NW-1 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.3	0.10	1
1,4-Dichlorobenzene	ND		ug/kg	1.3	0.11	1
Methyl tert butyl ether	ND		ug/kg	1.3	0.13	1
p/m-Xylene	ND		ug/kg	1.3	0.36	1
o-Xylene	ND		ug/kg	0.64	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	0.64	0.11	1
Styrene	ND		ug/kg	0.64	0.13	1
Dichlorodifluoromethane	ND		ug/kg	6.4	0.59	1
Acetone	ND		ug/kg	6.4	3.1	1
Carbon disulfide	ND		ug/kg	6.4	2.9	1
2-Butanone	ND		ug/kg	6.4	1.4	1
4-Methyl-2-pentanone	ND		ug/kg	6.4	0.82	1
2-Hexanone	ND		ug/kg	6.4	0.76	1
Bromochloromethane	ND		ug/kg	1.3	0.13	1
1,2-Dibromoethane	ND		ug/kg	0.64	0.18	1
n-Butylbenzene	ND		ug/kg	0.64	0.11	1
sec-Butylbenzene	ND		ug/kg	0.64	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	1.9	0.64	1
Isopropylbenzene	ND		ug/kg	0.64	0.07	1
p-Isopropyltoluene	ND		ug/kg	0.64	0.07	1
n-Propylbenzene	ND		ug/kg	0.64	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.3	0.21	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.3	0.17	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.3	0.12	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.3	0.21	1
Methyl Acetate	ND		ug/kg	2.6	0.61	1
Cyclohexane	ND		ug/kg	6.4	0.35	1
1,4-Dioxane	ND		ug/kg	51	22.	1
Freon-113	ND		ug/kg	2.6	0.44	1
Methyl cyclohexane	ND		ug/kg	2.6	0.39	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	102		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-05
Client ID: TANK 1 NW-2 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:25
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/03/24 15:38
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.87	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.87	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.87	0.11	1
Dibromochloromethane	ND		ug/kg	0.87	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.87	0.23	1
Tetrachloroethene	ND		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.87	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.14	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.87	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.14	1
Benzene	ND		ug/kg	0.44	0.14	1
Toluene	ND		ug/kg	0.87	0.47	1
Ethylbenzene	ND		ug/kg	0.87	0.12	1
Chloromethane	ND		ug/kg	3.5	0.81	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.87	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.87	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-05 Date Collected: 05/02/24 13:25

Client ID: TANK 1 NW-2 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.18	1
p/m-Xylene	ND		ug/kg	1.7	0.49	1
o-Xylene	ND		ug/kg	0.87	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.87	0.15	1
Styrene	ND		ug/kg	0.87	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.7	0.80	1
Acetone	ND		ug/kg	8.7	4.2	1
Carbon disulfide	ND		ug/kg	8.7	4.0	1
2-Butanone	ND		ug/kg	8.7	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.7	1.1	1
2-Hexanone	ND		ug/kg	8.7	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.87	0.24	1
n-Butylbenzene	ND		ug/kg	0.87	0.14	1
sec-Butylbenzene	ND		ug/kg	0.87	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.87	1
Isopropylbenzene	ND		ug/kg	0.87	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.87	0.10	1
n-Propylbenzene	ND		ug/kg	0.87	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.29	1
Methyl Acetate	ND		ug/kg	3.5	0.83	1
Cyclohexane	ND		ug/kg	8.7	0.47	1
1,4-Dioxane	ND		ug/kg	70	30.	1
Freon-113	ND		ug/kg	3.5	0.60	1
Methyl cyclohexane	ND		ug/kg	3.5	0.52	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-06
Client ID: TANK 1 SW-2 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:35
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/03/24 16:04
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3.6	1.7	1
1,1-Dichloroethane	ND		ug/kg	0.73	0.10	1
Chloroform	ND		ug/kg	1.1	0.10	1
Carbon tetrachloride	ND		ug/kg	0.73	0.17	1
1,2-Dichloropropane	ND		ug/kg	0.73	0.09	1
Dibromochloromethane	ND		ug/kg	0.73	0.10	1
1,1,2-Trichloroethane	ND		ug/kg	0.73	0.19	1
Tetrachloroethene	ND		ug/kg	0.36	0.14	1
Chlorobenzene	ND		ug/kg	0.36	0.09	1
Trichlorofluoromethane	ND		ug/kg	2.9	0.51	1
1,2-Dichloroethane	ND		ug/kg	0.73	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	0.36	0.12	1
Bromodichloromethane	ND		ug/kg	0.36	0.08	1
trans-1,3-Dichloropropene	ND		ug/kg	0.73	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	0.36	0.12	1
Bromoform	ND		ug/kg	2.9	0.18	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.36	0.12	1
Benzene	ND		ug/kg	0.36	0.12	1
Toluene	ND		ug/kg	0.73	0.40	1
Ethylbenzene	ND		ug/kg	0.73	0.10	1
Chloromethane	ND		ug/kg	2.9	0.68	1
Bromomethane	ND		ug/kg	1.5	0.42	1
Vinyl chloride	ND		ug/kg	0.73	0.24	1
Chloroethane	ND		ug/kg	1.5	0.33	1
1,1-Dichloroethene	ND		ug/kg	0.73	0.17	1
trans-1,2-Dichloroethene	ND		ug/kg	1.1	0.10	1
Trichloroethene	ND		ug/kg	0.36	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	1.5	0.10	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-06 Date Collected: 05/02/24 13:35

Client ID: TANK 1 SW-2 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.5	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	1.5	0.12	1
Methyl tert butyl ether	ND		ug/kg	1.5	0.15	1
p/m-Xylene	ND		ug/kg	1.5	0.41	1
o-Xylene	ND		ug/kg	0.73	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	0.73	0.13	1
Styrene	ND		ug/kg	0.73	0.14	1
Dichlorodifluoromethane	ND		ug/kg	7.3	0.67	1
Acetone	5.6	J	ug/kg	7.3	3.5	1
Carbon disulfide	ND		ug/kg	7.3	3.3	1
2-Butanone	ND		ug/kg	7.3	1.6	1
4-Methyl-2-pentanone	ND		ug/kg	7.3	0.93	1
2-Hexanone	ND		ug/kg	7.3	0.86	1
Bromochloromethane	ND		ug/kg	1.5	0.15	1
1,2-Dibromoethane	ND		ug/kg	0.73	0.20	1
n-Butylbenzene	ND		ug/kg	0.73	0.12	1
sec-Butylbenzene	ND		ug/kg	0.73	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.2	0.73	1
Isopropylbenzene	ND		ug/kg	0.73	0.08	1
p-Isopropyltoluene	ND		ug/kg	0.73	0.08	1
n-Propylbenzene	ND		ug/kg	0.73	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.5	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.5	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.5	0.14	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.5	0.24	1
Methyl Acetate	ND		ug/kg	2.9	0.69	1
Cyclohexane	ND		ug/kg	7.3	0.40	1
1,4-Dioxane	ND		ug/kg	58	26.	1
Freon-113	ND		ug/kg	2.9	0.51	1
Methyl cyclohexane	ND		ug/kg	2.9	0.44	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-07
Client ID: TANK 1 EW-1 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:00
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/03/24 16:31
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-07 Date Collected: 05/02/24 13:00

Client ID: TANK 1 EW-1 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	12	0.63	1
1,4-Dioxane	ND		ug/kg	93	41.	1
Freon-113	ND		ug/kg	4.6	0.80	1
Methyl cyclohexane	ND		ug/kg	4.6	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	103		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-08
Client ID: TANK 1 EW-2 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:05
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/03/24 16:57
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3.7	1.7	1
1,1-Dichloroethane	ND		ug/kg	0.74	0.11	1
Chloroform	ND		ug/kg	1.1	0.10	1
Carbon tetrachloride	ND		ug/kg	0.74	0.17	1
1,2-Dichloropropane	ND		ug/kg	0.74	0.09	1
Dibromochloromethane	ND		ug/kg	0.74	0.10	1
1,1,2-Trichloroethane	ND		ug/kg	0.74	0.20	1
Tetrachloroethene	ND		ug/kg	0.37	0.14	1
Chlorobenzene	ND		ug/kg	0.37	0.09	1
Trichlorofluoromethane	ND		ug/kg	2.9	0.51	1
1,2-Dichloroethane	ND		ug/kg	0.74	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	0.37	0.12	1
Bromodichloromethane	ND		ug/kg	0.37	0.08	1
trans-1,3-Dichloropropene	ND		ug/kg	0.74	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	0.37	0.12	1
Bromoform	ND		ug/kg	2.9	0.18	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.37	0.12	1
Benzene	ND		ug/kg	0.37	0.12	1
Toluene	ND		ug/kg	0.74	0.40	1
Ethylbenzene	ND		ug/kg	0.74	0.10	1
Chloromethane	ND		ug/kg	2.9	0.69	1
Bromomethane	ND		ug/kg	1.5	0.43	1
Vinyl chloride	ND		ug/kg	0.74	0.25	1
Chloroethane	ND		ug/kg	1.5	0.33	1
1,1-Dichloroethene	ND		ug/kg	0.74	0.18	1
trans-1,2-Dichloroethene	ND		ug/kg	1.1	0.10	1
Trichloroethene	ND		ug/kg	0.37	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	1.5	0.11	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-08 Date Collected: 05/02/24 13:05

Client ID: TANK 1 EW-2 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.5	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	1.5	0.12	1
Methyl tert butyl ether	ND		ug/kg	1.5	0.15	1
p/m-Xylene	ND		ug/kg	1.5	0.41	1
o-Xylene	ND		ug/kg	0.74	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	0.74	0.13	1
Styrene	ND		ug/kg	0.74	0.14	1
Dichlorodifluoromethane	ND		ug/kg	7.4	0.67	1
Acetone	ND		ug/kg	7.4	3.5	1
Carbon disulfide	ND		ug/kg	7.4	3.4	1
2-Butanone	ND		ug/kg	7.4	1.6	1
4-Methyl-2-pentanone	ND		ug/kg	7.4	0.94	1
2-Hexanone	ND		ug/kg	7.4	0.87	1
Bromochloromethane	ND		ug/kg	1.5	0.15	1
1,2-Dibromoethane	ND		ug/kg	0.74	0.20	1
n-Butylbenzene	ND		ug/kg	0.74	0.12	1
sec-Butylbenzene	ND		ug/kg	0.74	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.2	0.73	1
Isopropylbenzene	ND		ug/kg	0.74	0.08	1
p-Isopropyltoluene	ND		ug/kg	0.74	0.08	1
n-Propylbenzene	ND		ug/kg	0.74	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.5	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.5	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.5	0.14	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.5	0.24	1
Methyl Acetate	ND		ug/kg	2.9	0.70	1
Cyclohexane	ND		ug/kg	7.4	0.40	1
1,4-Dioxane	ND		ug/kg	59	26.	1
Freon-113	ND		ug/kg	2.9	0.51	1
Methyl cyclohexane	ND		ug/kg	2.9	0.44	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	104		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-09
Client ID: TANK 1 WW-1 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:10
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/03/24 17:23
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-09 Date Collected: 05/02/24 13:10

Client ID: TANK 1 WW-1 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	91	40.	1
Freon-113	ND		ug/kg	4.6	0.79	1
Methyl cyclohexane	ND		ug/kg	4.6	0.69	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-10
Client ID: TANK 1 WW-2 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:15
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/03/24 17:49
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.87	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.87	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.87	0.11	1
Dibromochloromethane	ND		ug/kg	0.87	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.87	0.23	1
Tetrachloroethene	ND		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.87	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.87	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.5	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	ND		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.87	0.47	1
Ethylbenzene	ND		ug/kg	0.87	0.12	1
Chloromethane	ND		ug/kg	3.5	0.81	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.87	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.87	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-10 Date Collected: 05/02/24 13:15

Client ID: TANK 1 WW-2 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.87	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.87	0.15	1
Styrene	ND		ug/kg	0.87	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.7	0.79	1
Acetone	ND		ug/kg	8.7	4.2	1
Carbon disulfide	ND		ug/kg	8.7	3.9	1
2-Butanone	ND		ug/kg	8.7	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.7	1.1	1
2-Hexanone	ND		ug/kg	8.7	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.87	0.24	1
n-Butylbenzene	ND		ug/kg	0.87	0.14	1
sec-Butylbenzene	ND		ug/kg	0.87	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Isopropylbenzene	ND		ug/kg	0.87	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.87	0.09	1
n-Propylbenzene	ND		ug/kg	0.87	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.29	1
Methyl Acetate	ND		ug/kg	3.5	0.82	1
Cyclohexane	ND		ug/kg	8.7	0.47	1
1,4-Dioxane	ND		ug/kg	69	30.	1
Freon-113	ND		ug/kg	3.5	0.60	1
Methyl cyclohexane	ND		ug/kg	3.5	0.52	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/03/24 09:07
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG1916757-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/03/24 09:07
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG1916757-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/03/24 09:07
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-10 Batch: WG1916757-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424271

Report Date: 05/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG1916757-3 WG1916757-4								
Methylene chloride	92		90		70-130	2		30
1,1-Dichloroethane	96		98		70-130	2		30
Chloroform	95		96		70-130	1		30
Carbon tetrachloride	86		91		70-130	6		30
1,2-Dichloropropane	94		100		70-130	6		30
Dibromochloromethane	94		95		70-130	1		30
1,1,2-Trichloroethane	96		98		70-130	2		30
Tetrachloroethene	92		98		70-130	6		30
Chlorobenzene	100		102		70-130	2		30
Trichlorofluoromethane	**60**	Q	**62**	Q	70-139	3		30
1,2-Dichloroethane	91		94		70-130	3		30
1,1,1-Trichloroethane	93		96		70-130	3		30
Bromodichloromethane	89		94		70-130	5		30
trans-1,3-Dichloropropene	102		104		70-130	2		30
cis-1,3-Dichloropropene	96		101		70-130	5		30
Bromoform	88		88		70-130	0		30
1,1,2,2-Tetrachloroethane	98		101		70-130	3		30
Benzene	94		100		70-130	6		30
Toluene	96		99		70-130	3		30
Ethylbenzene	96		101		70-130	5		30
Chloromethane	87		85		52-130	2		30
Bromomethane	107		105		57-147	2		30
Vinyl chloride	92		91		67-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424271

Report Date: 05/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG1916757-3 WG1916757-4								
Chloroethane	**45**	Q	58		50-151	25		30
1,1-Dichloroethene	95		95		65-135	0		30
trans-1,2-Dichloroethene	99		99		70-130	0		30
Trichloroethene	90		97		70-130	7		30
1,2-Dichlorobenzene	100		105		70-130	5		30
1,3-Dichlorobenzene	102		108		70-130	6		30
1,4-Dichlorobenzene	101		105		70-130	4		30
Methyl tert butyl ether	97		94		66-130	3		30
p/m-Xylene	98		103		70-130	5		30
o-Xylene	97		101		70-130	4		30
cis-1,2-Dichloroethene	94		99		70-130	5		30
Styrene	100		103		70-130	3		30
Dichlorodifluoromethane	75		74		30-146	1		30
Acetone	88		81		54-140	8		30
Carbon disulfide	94		94		59-130	0		30
2-Butanone	88		84		70-130	5		30
4-Methyl-2-pentanone	94		94		70-130	0		30
2-Hexanone	90		84		70-130	7		30
Bromochloromethane	94		94		70-130	0		30
1,2-Dibromoethane	94		93		70-130	1		30
n-Butylbenzene	107		114		70-130	6		30
sec-Butylbenzene	99		107		70-130	8		30
1,2-Dibromo-3-chloropropane	87		90		68-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424271

Report Date: 05/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-10 Batch: WG1916757-3 WG1916757-4								
Isopropylbenzene	99		104		70-130	5		30
p-Isopropyltoluene	101		110		70-130	9		30
n-Propylbenzene	98		109		70-130	11		30
1,2,3-Trichlorobenzene	103		109		70-130	6		30
1,2,4-Trichlorobenzene	112		118		70-130	5		30
1,3,5-Trimethylbenzene	98		107		70-130	9		30
1,2,4-Trimethylbenzene	102		108		70-130	6		30
Methyl Acetate	89		84		51-146	6		30
Cyclohexane	83		88		59-142	6		30
1,4-Dioxane	110		108		65-136	2		30
Freon-113	89		90		50-139	1		30
Methyl cyclohexane	82		89		70-130	8		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		95		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	94		102		70-130
Dibromofluoromethane	99		99		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-01
Client ID: TANK 1 B-2 17
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:30
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/04/24 14:58
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-01 Date Collected: 05/02/24 13:30

Client ID: TANK 1 B-2 17 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-01 Date Collected: 05/02/24 13:30

Client ID: TANK 1 B-2 17 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	74		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-02
Client ID: TANK 1 B-3 17
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:40
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/04/24 15:21
Analyst: EK
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-02 Date Collected: 05/02/24 13:40

Client ID: TANK 1 B-3 17 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-02 Date Collected: 05/02/24 13:40

Client ID: TANK 1 B-3 17 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	76		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-03
Client ID: TANK 1 B-4 17
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:45
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/05/24 15:56
Analyst: CMM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-03 Date Collected: 05/02/24 13:45

Client ID: TANK 1 B-4 17 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	31.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-03 Date Collected: 05/02/24 13:45

Client ID: TANK 1 B-4 17 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	71		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-04
Client ID: TANK 1 NW-1 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:20
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/04/24 16:08
Analyst: EK
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-04 Date Collected: 05/02/24 13:20

Client ID: TANK 1 NW-1 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-04 Date Collected: 05/02/24 13:20

Client ID: TANK 1 NW-1 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	73		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-05
Client ID: TANK 1 NW-2 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:25
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/04/24 16:31
Analyst: EK
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-05 Date Collected: 05/02/24 13:25

Client ID: TANK 1 NW-2 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-05 Date Collected: 05/02/24 13:25

Client ID: TANK 1 NW-2 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	74		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-06
Client ID: TANK 1 SW-2 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:35
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/04/24 16:54
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-06 Date Collected: 05/02/24 13:35

Client ID: TANK 1 SW-2 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-06 Date Collected: 05/02/24 13:35

Client ID: TANK 1 SW-2 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	80		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-07
Client ID: TANK 1 EW-1 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:00
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/04/24 17:17
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-07 Date Collected: 05/02/24 13:00

Client ID: TANK 1 EW-1 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-07 Date Collected: 05/02/24 13:00

Client ID: TANK 1 EW-1 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	82		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-08
Client ID: TANK 1 EW-2 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:05
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/04/24 17:40
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-08 Date Collected: 05/02/24 13:05

Client ID: TANK 1 EW-2 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-08 Date Collected: 05/02/24 13:05

Client ID: TANK 1 EW-2 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	89		18-120

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-09
Client ID: TANK 1 WW-1 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:10
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/04/24 18:03
Analyst: EK
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-09 Date Collected: 05/02/24 13:10

Client ID: TANK 1 WW-1 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-09 Date Collected: 05/02/24 13:10

Client ID: TANK 1 WW-1 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	66		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-10
Client ID: TANK 1 WW-2 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:15
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/04/24 18:27
Analyst: EK
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-10 Date Collected: 05/02/24 13:15

Client ID: TANK 1 WW-2 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-10 Date Collected: 05/02/24 13:15

Client ID: TANK 1 WW-2 12-15 Date Received: 05/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	84		18-120

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/04/24 10:44
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1916612-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/04/24 10:44
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1916612-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/04/24 10:44
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 05/03/24 07:20

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1916612-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	104		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424271

Report Date: 05/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1916612-2 WG1916612-3								
Acenaphthene	87		97		31-137	11		50
Hexachlorobenzene	87		100		40-140	14		50
Bis(2-chloroethyl)ether	82		89		40-140	8		50
2-Chloronaphthalene	86		95		40-140	10		50
3,3'-Dichlorobenzidine	70		71		40-140	1		50
2,4-Dinitrotoluene	97		112		40-132	14		50
2,6-Dinitrotoluene	97		103		40-140	6		50
Fluoranthene	96		107		40-140	11		50
4-Chlorophenyl phenyl ether	89		105		40-140	16		50
4-Bromophenyl phenyl ether	89		102		40-140	14		50
Bis(2-chloroisopropyl)ether	84		92		40-140	9		50
Bis(2-chloroethoxy)methane	86		91		40-117	6		50
Hexachlorobutadiene	83		91		40-140	9		50
Hexachlorocyclopentadiene	79		89		40-140	12		50
Hexachloroethane	79		87		40-140	10		50
Isophorone	86		92		40-140	7		50
Naphthalene	86		92		40-140	7		50
Nitrobenzene	91		99		40-140	8		50
NDPA/DPA	92		103		36-157	11		50
n-Nitrosodi-n-propylamine	86		94		32-121	9		50
Bis(2-ethylhexyl)phthalate	93		102		40-140	9		50
Butyl benzyl phthalate	92		107		40-140	15		50
Di-n-butylphthalate	96		108		40-140	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424271

Report Date: 05/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1916612-2 WG1916612-3								
Di-n-octylphthalate	89		101		40-140	13		50
Diethyl phthalate	89		101		40-140	13		50
Dimethyl phthalate	91		99		40-140	8		50
Benzo(a)anthracene	91		98		40-140	7		50
Benzo(a)pyrene	92		102		40-140	10		50
Benzo(b)fluoranthene	90		97		40-140	7		50
Benzo(k)fluoranthene	92		101		40-140	9		50
Chrysene	89		97		40-140	9		50
Acenaphthylene	91		101		40-140	10		50
Anthracene	94		104		40-140	10		50
Benzo(ghi)perylene	90		97		40-140	7		50
Fluorene	88		100		40-140	13		50
Phenanthrene	91		100		40-140	9		50
Dibenzo(a,h)anthracene	91		101		40-140	10		50
Indeno(1,2,3-cd)pyrene	90		98		40-140	9		50
Pyrene	94		105		35-142	11		50
Biphenyl	80		87		37-127	8		50
4-Chloroaniline	73		79		40-140	8		50
2-Nitroaniline	94		102		47-134	8		50
3-Nitroaniline	77		83		26-129	8		50
4-Nitroaniline	89		96		41-125	8		50
Dibenzofuran	88		103		40-140	16		50
2-Methylnaphthalene	88		95		40-140	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424271
Report Date: 05/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1916612-2 WG1916612-3								
1,2,4,5-Tetrachlorobenzene	78		87		40-117	11		50
Acetophenone	79		85		14-144	7		50
2,4,6-Trichlorophenol	92		102		30-130	10		50
p-Chloro-m-cresol	95		103		26-103	8		50
2-Chlorophenol	87		95		25-102	9		50
2,4-Dichlorophenol	92		97		30-130	5		50
2,4-Dimethylphenol	87		93		30-130	7		50
2-Nitrophenol	91		98		30-130	7		50
4-Nitrophenol	101		**118**	Q	11-114	16		50
2,4-Dinitrophenol	84		96		4-130	13		50
4,6-Dinitro-o-cresol	98		110		10-130	12		50
Pentachlorophenol	84		96		17-109	13		50
Phenol	88		**94**	Q	26-90	7		50
2-Methylphenol	90		98		30-130.	9		50
3-Methylphenol/4-Methylphenol	95		101		30-130	6		50
2,4,5-Trichlorophenol	95		103		30-130	8		50
Carbazole	92		102		54-128	10		50
Atrazine	78		89		40-140	13		50
Benzaldehyde	66		74		40-140	11		50
Caprolactam	88		97		15-130	10		50
2,3,4,6-Tetrachlorophenol	95		108		40-140	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424271

Report Date: 05/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1916612-2 WG1916612-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	87		95		25-120
Phenol-d6	87		96		10-120
Nitrobenzene-d5	90		98		23-120
2-Fluorobiphenyl	87		97		30-120
2,4,6-Tribromophenol	92		106		10-136
4-Terphenyl-d14	94		106		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-01
Client ID: TANK 1 B-2 17
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 13:30
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4380		mg/kg	8.97	2.42	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.49	0.341	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.28		mg/kg	0.897	0.187	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Barium, Total	50.0		mg/kg	0.897	0.156	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.218	J	mg/kg	0.449	0.030	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.140	J	mg/kg	0.897	0.088	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Calcium, Total	60900		mg/kg	8.97	3.14	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Chromium, Total	7.41		mg/kg	0.897	0.086	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.02		mg/kg	1.79	0.149	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Copper, Total	10.1		mg/kg	0.897	0.231	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Iron, Total	10500		mg/kg	4.49	0.810	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Lead, Total	11.1		mg/kg	4.49	0.240	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Magnesium, Total	25500		mg/kg	8.97	1.38	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Manganese, Total	342		mg/kg	0.897	0.143	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.074	0.048	1	05/03/24 09:00	05/03/24 15:47	EPA 7471B	1,7471B	MJR
Nickel, Total	8.63		mg/kg	2.24	0.217	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Potassium, Total	780		mg/kg	224	12.9	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.79	0.231	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.449	0.254	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Sodium, Total	174	J	mg/kg	179	2.83	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.79	0.283	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Vanadium, Total	12.7		mg/kg	0.897	0.182	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC
Zinc, Total	62.0		mg/kg	4.49	0.263	2	05/03/24 08:30	05/03/24 19:31	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Lab Number: L2424271
Project Number: 4461.0001B002
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-02
Client ID: TANK 1 B-3 17
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 13:40
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3360		mg/kg	8.89	2.40	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.45	0.338	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Arsenic, Total	1.76		mg/kg	0.889	0.185	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Barium, Total	30.2		mg/kg	0.889	0.155	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.164	J	mg/kg	0.445	0.029	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.130	J	mg/kg	0.889	0.087	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Calcium, Total	57300		mg/kg	8.89	3.11	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Chromium, Total	6.01		mg/kg	0.889	0.085	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Cobalt, Total	3.11		mg/kg	1.78	0.148	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Copper, Total	8.46		mg/kg	0.889	0.229	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Iron, Total	8720		mg/kg	4.45	0.803	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Lead, Total	9.21		mg/kg	4.45	0.238	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Magnesium, Total	24600		mg/kg	8.89	1.37	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Manganese, Total	304		mg/kg	0.889	0.141	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.072	0.047	1	05/03/24 09:00	05/03/24 16:12	EPA 7471B	1,7471B	MJR
Nickel, Total	6.67		mg/kg	2.22	0.215	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Potassium, Total	608		mg/kg	222	12.8	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.78	0.229	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.445	0.252	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Sodium, Total	147	J	mg/kg	178	2.80	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Thallium, Total	0.374	J	mg/kg	1.78	0.280	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Vanadium, Total	11.0		mg/kg	0.889	0.180	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC
Zinc, Total	58.1		mg/kg	4.45	0.260	2	05/03/24 08:30	05/03/24 19:22	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-03
Client ID: TANK 1 B-4 17
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 13:45
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4700		mg/kg	8.99	2.43	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.49	0.341	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.31		mg/kg	0.899	0.187	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Barium, Total	37.8		mg/kg	0.899	0.156	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.231	J	mg/kg	0.449	0.030	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.123	J	mg/kg	0.899	0.088	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Calcium, Total	61900		mg/kg	8.99	3.14	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Chromium, Total	8.05		mg/kg	0.899	0.086	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.19		mg/kg	1.80	0.149	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Copper, Total	11.5		mg/kg	0.899	0.232	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Iron, Total	10800		mg/kg	4.49	0.811	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Lead, Total	11.8		mg/kg	4.49	0.241	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Magnesium, Total	25700		mg/kg	8.99	1.38	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Manganese, Total	354		mg/kg	0.899	0.143	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.074	0.048	1	05/03/24 09:00	05/03/24 16:16	EPA 7471B	1,7471B	MJR
Nickel, Total	9.25		mg/kg	2.25	0.217	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Potassium, Total	823		mg/kg	225	12.9	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.80	0.232	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.449	0.254	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Sodium, Total	174	J	mg/kg	180	2.83	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Thallium, Total	0.361	J	mg/kg	1.80	0.283	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Vanadium, Total	13.0		mg/kg	0.899	0.182	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC
Zinc, Total	56.0		mg/kg	4.49	0.263	2	05/03/24 08:30	05/03/24 19:26	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-04
Client ID: TANK 1 NW-1 12-15
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 13:20
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3340		mg/kg	8.71	2.35	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.36	0.331	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.06		mg/kg	0.871	0.181	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Barium, Total	29.4		mg/kg	0.871	0.152	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.167	J	mg/kg	0.436	0.029	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.116	J	mg/kg	0.871	0.085	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Calcium, Total	57400		mg/kg	8.71	3.05	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Chromium, Total	5.80		mg/kg	0.871	0.084	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Cobalt, Total	3.10		mg/kg	1.74	0.145	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Copper, Total	8.22		mg/kg	0.871	0.225	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Iron, Total	8630		mg/kg	4.36	0.787	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Lead, Total	9.84		mg/kg	4.36	0.233	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Magnesium, Total	24700		mg/kg	8.71	1.34	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Manganese, Total	304		mg/kg	0.871	0.138	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.072	0.047	1	05/03/24 09:00	05/03/24 16:19	EPA 7471B	1,7471B	MJR
Nickel, Total	6.60		mg/kg	2.18	0.211	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Potassium, Total	605		mg/kg	218	12.5	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.74	0.225	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.436	0.246	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Sodium, Total	159	J	mg/kg	174	2.74	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.74	0.274	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Vanadium, Total	11.0		mg/kg	0.871	0.177	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC
Zinc, Total	51.9		mg/kg	4.36	0.255	2	05/03/24 08:30	05/03/24 20:05	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-05
Client ID: TANK 1 NW-2 12-15
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 13:25
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3250		mg/kg	8.86	2.39	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.43	0.337	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Arsenic, Total	1.97		mg/kg	0.886	0.184	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Barium, Total	36.2		mg/kg	0.886	0.154	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.162	J	mg/kg	0.443	0.029	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.150	J	mg/kg	0.886	0.087	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Calcium, Total	57300		mg/kg	8.86	3.10	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Chromium, Total	5.72		mg/kg	0.886	0.085	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Cobalt, Total	2.93		mg/kg	1.77	0.147	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Copper, Total	9.32		mg/kg	0.886	0.229	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Iron, Total	8500		mg/kg	4.43	0.800	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Lead, Total	9.49		mg/kg	4.43	0.238	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Magnesium, Total	24700		mg/kg	8.86	1.36	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Manganese, Total	300		mg/kg	0.886	0.141	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.072	0.047	1	05/03/24 09:00	05/03/24 16:22	EPA 7471B	1,7471B	MJR
Nickel, Total	6.20		mg/kg	2.22	0.214	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Potassium, Total	594		mg/kg	222	12.8	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.77	0.229	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.443	0.251	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Sodium, Total	158	J	mg/kg	177	2.79	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Thallium, Total	0.283	J	mg/kg	1.77	0.279	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Vanadium, Total	11.1		mg/kg	0.886	0.180	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC
Zinc, Total	64.0		mg/kg	4.43	0.260	2	05/03/24 08:30	05/03/24 20:09	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-06
Client ID: TANK 1 SW-2 12-15
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 13:35
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9230		mg/kg	9.16	2.47	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.58	0.348	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.06		mg/kg	0.916	0.190	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Barium, Total	89.7		mg/kg	0.916	0.159	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.416	J	mg/kg	0.458	0.030	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.916	0.090	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Calcium, Total	72700		mg/kg	9.16	3.20	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Chromium, Total	13.9		mg/kg	0.916	0.088	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Cobalt, Total	5.68		mg/kg	1.83	0.152	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Copper, Total	12.1		mg/kg	0.916	0.236	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Iron, Total	15400		mg/kg	4.58	0.827	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Lead, Total	14.8		mg/kg	4.58	0.245	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Magnesium, Total	26000		mg/kg	9.16	1.41	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Manganese, Total	454		mg/kg	0.916	0.146	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.074	0.048	1	05/03/24 09:00	05/03/24 16:26	EPA 7471B	1,7471B	MJR
Nickel, Total	14.8		mg/kg	2.29	0.222	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Potassium, Total	1250		mg/kg	229	13.2	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.83	0.236	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.458	0.259	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Sodium, Total	241		mg/kg	183	2.88	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Thallium, Total	0.447	J	mg/kg	1.83	0.288	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Vanadium, Total	16.9		mg/kg	0.916	0.186	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC
Zinc, Total	59.7		mg/kg	4.58	0.268	2	05/03/24 08:30	05/03/24 20:14	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-07
Client ID: TANK 1 EW-1 12-15
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 13:00
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4900		mg/kg	9.12	2.46	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.56	0.346	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.22		mg/kg	0.912	0.190	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Barium, Total	41.7		mg/kg	0.912	0.159	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.242	J	mg/kg	0.456	0.030	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.116	J	mg/kg	0.912	0.089	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Calcium, Total	64200		mg/kg	9.12	3.19	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Chromium, Total	8.20		mg/kg	0.912	0.088	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.37		mg/kg	1.82	0.151	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Copper, Total	11.2		mg/kg	0.912	0.235	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Iron, Total	11200		mg/kg	4.56	0.824	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Lead, Total	12.1		mg/kg	4.56	0.244	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Magnesium, Total	26300		mg/kg	9.12	1.40	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Manganese, Total	368		mg/kg	0.912	0.145	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.073	0.048	1	05/03/24 09:00	05/03/24 16:29	EPA 7471B	1,7471B	MJR
Nickel, Total	9.62		mg/kg	2.28	0.221	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Potassium, Total	828		mg/kg	228	13.1	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.82	0.235	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.456	0.258	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Sodium, Total	169	J	mg/kg	182	2.87	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Thallium, Total	0.388	J	mg/kg	1.82	0.287	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Vanadium, Total	13.4		mg/kg	0.912	0.185	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC
Zinc, Total	59.8		mg/kg	4.56	0.267	2	05/03/24 08:30	05/03/24 20:18	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-08
Client ID: TANK 1 EW-2 12-15
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 13:05
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5210		mg/kg	8.72	2.35	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.36	0.331	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Arsenic, Total	2.29		mg/kg	0.872	0.181	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Barium, Total	45.1		mg/kg	0.872	0.152	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.256	J	mg/kg	0.436	0.029	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.110	J	mg/kg	0.872	0.086	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Calcium, Total	65600		mg/kg	8.72	3.05	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Chromium, Total	8.62		mg/kg	0.872	0.084	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Cobalt, Total	4.55		mg/kg	1.74	0.145	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Copper, Total	11.7		mg/kg	0.872	0.225	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Iron, Total	11600		mg/kg	4.36	0.788	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Lead, Total	12.2		mg/kg	4.36	0.234	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Magnesium, Total	26700		mg/kg	8.72	1.34	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Manganese, Total	379		mg/kg	0.872	0.139	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.074	0.048	1	05/03/24 09:00	05/03/24 16:32	EPA 7471B	1,7471B	MJR
Nickel, Total	9.98		mg/kg	2.18	0.211	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Potassium, Total	882		mg/kg	218	12.6	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.74	0.225	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.436	0.247	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Sodium, Total	176		mg/kg	174	2.75	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Thallium, Total	0.375	J	mg/kg	1.74	0.275	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Vanadium, Total	14.0		mg/kg	0.872	0.177	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC
Zinc, Total	59.8		mg/kg	4.36	0.256	2	05/03/24 08:30	05/03/24 20:23	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-09
Client ID: TANK 1 WW-1 12-15
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 13:10
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3020		mg/kg	8.88	2.40	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.44	0.337	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Arsenic, Total	1.63		mg/kg	0.888	0.185	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Barium, Total	27.4		mg/kg	0.888	0.154	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.147	J	mg/kg	0.444	0.029	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.148	J	mg/kg	0.888	0.087	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Calcium, Total	56700		mg/kg	8.88	3.11	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Chromium, Total	5.33		mg/kg	0.888	0.085	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Cobalt, Total	2.82		mg/kg	1.78	0.147	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Copper, Total	8.46		mg/kg	0.888	0.229	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Iron, Total	8060		mg/kg	4.44	0.802	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Lead, Total	9.02		mg/kg	4.44	0.238	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Magnesium, Total	24400		mg/kg	8.88	1.37	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Manganese, Total	293		mg/kg	0.888	0.141	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.073	0.048	1	05/03/24 09:00	05/03/24 16:36	EPA 7471B	1,7471B	MJR
Nickel, Total	5.96		mg/kg	2.22	0.215	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Potassium, Total	534		mg/kg	222	12.8	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.78	0.229	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.444	0.251	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Sodium, Total	152	J	mg/kg	178	2.80	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Thallium, Total	0.294	J	mg/kg	1.78	0.280	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Vanadium, Total	10.4		mg/kg	0.888	0.180	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC
Zinc, Total	58.5		mg/kg	4.44	0.260	2	05/03/24 08:30	05/03/24 20:27	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-10
Client ID: TANK 1 WW-2 12-15
Sample Location: BUFFALO, NY
Date Collected: 05/02/24 13:15
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2940		mg/kg	8.80	2.38	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Antimony, Total	ND		mg/kg	4.40	0.334	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Arsenic, Total	1.80		mg/kg	0.880	0.183	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Barium, Total	25.0		mg/kg	0.880	0.153	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.144	J	mg/kg	0.440	0.029	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.140	J	mg/kg	0.880	0.086	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Calcium, Total	55700		mg/kg	8.80	3.08	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Chromium, Total	5.30		mg/kg	0.880	0.085	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Cobalt, Total	2.98		mg/kg	1.76	0.146	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Copper, Total	7.81		mg/kg	0.880	0.227	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Iron, Total	7880		mg/kg	4.40	0.795	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Lead, Total	9.50		mg/kg	4.40	0.236	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Magnesium, Total	24200		mg/kg	8.80	1.36	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Manganese, Total	289		mg/kg	0.880	0.140	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.072	0.047	1	05/03/24 09:00	05/03/24 16:46	EPA 7471B	1,7471B	MJR
Nickel, Total	5.99		mg/kg	2.20	0.213	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Potassium, Total	524		mg/kg	220	12.7	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.76	0.227	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.440	0.249	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Sodium, Total	146	J	mg/kg	176	2.77	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Thallium, Total	0.444	J	mg/kg	1.76	0.277	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Vanadium, Total	10.2		mg/kg	0.880	0.179	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC
Zinc, Total	61.1		mg/kg	4.40	0.258	2	05/03/24 08:30	05/03/24 20:32	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424271

Project Number: 4461.0001B002 **Report Date:** 05/06/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1916556-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Calcium, Total	1.51	J	mg/kg	4.00	1.40	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.038	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Iron, Total	0.998	J	mg/kg	2.00	0.361	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Manganese, Total	ND		mg/kg	0.400	0.064	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Nickel, Total	ND		mg/kg	1.00	0.097	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	5.76	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Sodium, Total	2.96	J	mg/kg	80.0	1.26	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	05/03/24 08:30	05/03/24 19:08	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1916558-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/03/24 09:00	05/03/24 15:40	1,7471B	MJR

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424271
Report Date: 05/06/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424271

Report Date: 05/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1916556-2								
Aluminum, Total	109		-		80-120	-		
Antimony, Total	112		-		80-120	-		
Arsenic, Total	102		-		80-120	-		
Barium, Total	110		-		80-120	-		
Beryllium, Total	111		-		80-120	-		
Cadmium, Total	105		-		80-120	-		
Calcium, Total	109		-		80-120	-		
Chromium, Total	108		-		80-120	-		
Cobalt, Total	109		-		80-120	-		
Copper, Total	109		-		80-120	-		
Iron, Total	114		-		80-120	-		
Lead, Total	107		-		80-120	-		
Magnesium, Total	107		-		80-120	-		
Manganese, Total	110		-		80-120	-		
Nickel, Total	110		-		80-120	-		
Potassium, Total	112		-		80-120	-		
Selenium, Total	103		-		80-120	-		
Silver, Total	109		-		80-120	-		
Sodium, Total	112		-		80-120	-		
Thallium, Total	101		-		80-120	-		
Vanadium, Total	110		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424271

Report Date: 05/06/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1916556-2					
Zinc, Total	110	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1916558-2					
Mercury, Total	104	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424271
Report Date: 05/06/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1916556-3 QC Sample: L2424271-01 Client ID: TANK 1 B-2 17												
Aluminum, Total	4380	178	4280	**0**	Q	-	-		75-125	-		20
Antimony, Total	ND	44.4	41.2	93		-	-		75-125	-		20
Arsenic, Total	2.28	10.7	12.8	99		-	-		75-125	-		20
Barium, Total	50.0	178	218	94		-	-		75-125	-		20
Beryllium, Total	0.218J	4.44	4.56	102		-	-		75-125	-		20
Cadmium, Total	0.140J	4.71	4.11	87		-	-		75-125	-		20
Calcium, Total	60900	889	59700	**0**	Q	-	-		75-125	-		20
Chromium, Total	7.41	17.8	23.1	88		-	-		75-125	-		20
Cobalt, Total	4.02	44.4	42.5	86		-	-		75-125	-		20
Copper, Total	10.1	22.2	31.4	96		-	-		75-125	-		20
Iron, Total	10500	88.9	9490	**0**	Q	-	-		75-125	-		20
Lead, Total	11.1	47.1	58.6	101		-	-		75-125	-		20
Magnesium, Total	25500	889	26100	**67**	Q	-	-		75-125	-		20
Manganese, Total	342	44.4	359	**38**	Q	-	-		75-125	-		20
Nickel, Total	8.63	44.4	46.4	85		-	-		75-125	-		20
Potassium, Total	780	889	1720	106		-	-		75-125	-		20
Selenium, Total	ND	10.7	9.71	91		-	-		75-125	-		20
Silver, Total	ND	4.44	4.59	103		-	-		75-125	-		20
Sodium, Total	174J	889	1130	**127**	Q	-	-		75-125	-		20
Thallium, Total	ND	10.7	9.94	93		-	-		75-125	-		20
Vanadium, Total	12.7	44.4	55.6	96		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424271
Report Date: 05/06/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1916556-3 QC Sample: L2424271-01 Client ID: TANK 1 B-2 17									
Zinc, Total	62.0	44.4	97.6	80	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1916558-3 QC Sample: L2424271-01 Client ID: TANK 1 B-2 17									
Mercury, Total	ND	1.48	1.56	105	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424271
Report Date: 05/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1916556-4 QC Sample: L2424271-01 Client ID: TANK 1 B-2 17						
Aluminum, Total	4380	3630	mg/kg	19		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	2.28	2.05	mg/kg	11		20
Barium, Total	50.0	35.8	mg/kg	**33**	Q	20
Beryllium, Total	0.218J	0.180J	mg/kg	NC		20
Cadmium, Total	0.140J	0.156J	mg/kg	NC		20
Calcium, Total	60900	59000	mg/kg	3		20
Chromium, Total	7.41	6.36	mg/kg	15		20
Cobalt, Total	4.02	3.30	mg/kg	20		20
Copper, Total	10.1	9.07	mg/kg	11		20
Iron, Total	10500	9230	mg/kg	13		20
Lead, Total	11.1	9.86	mg/kg	12		20
Magnesium, Total	25500	25200	mg/kg	1		20
Manganese, Total	342	316	mg/kg	8		20
Nickel, Total	8.63	7.19	mg/kg	18		20
Potassium, Total	780	653	mg/kg	18		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	174J	159J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424271

Report Date: 05/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1916556-4 QC Sample: L2424271-01 Client ID: TANK 1 B-2 17					
Thallium, Total	ND	0.342J	mg/kg	NC	20
Vanadium, Total	12.7	11.7	mg/kg	8	20
Zinc, Total	62.0	65.6	mg/kg	6	20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1916558-4 QC Sample: L2424271-01 Client ID: TANK 1 B-2 17					
Mercury, Total	ND	ND	mg/kg	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-01
Client ID: TANK 1 B-2 17
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:30
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-02
Client ID: TANK 1 B-3 17
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:40
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-03
Client ID: TANK 1 B-4 17
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:45
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-04
Client ID: TANK 1 NW-1 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:20
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-05
Client ID: TANK 1 NW-2 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:25
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-06
Client ID: TANK 1 SW-2 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:35
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-07
Client ID: TANK 1 EW-1 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:00
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	05/03/24 09:42	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-08
Client ID: TANK 1 EW-2 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:05
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	05/03/24 10:03	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-09
Client ID: TANK 1 WW-1 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:10
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	05/03/24 10:03	121,2540G	GAG

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424271
Report Date: 05/06/24

SAMPLE RESULTS

Lab ID: L2424271-10
Client ID: TANK 1 WW-2 12-15
Sample Location: BUFFALO, NY

Date Collected: 05/02/24 13:15
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	05/03/24 10:03	121,2540G	GAG

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424271

Report Date: 05/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1916675-1 QC Sample: L2424265-01 Client ID: DUP Sample						
Solids, Total	87.4	87.5	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 08-10 QC Batch ID: WG1916678-1 QC Sample: L2424271-08 Client ID: TANK 1 EW-2 12-15						
Solids, Total	86.4	86.6	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424271
Report Date: 05/06/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2424271-01A	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2424271-01B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2424271-01C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424271-01X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2424271-01Y	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)
L2424271-01Z	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)
L2424271-02A	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2424271-02B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2424271-02C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424271-02X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2424271-02Y	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)
L2424271-02Z	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)
L2424271-03A	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2424271-03B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2424271-03C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424271-03X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2424271-03Y	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)
L2424271-03Z	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)
L2424271-04A	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2424271-04B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2424271-04C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424271-04X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2424271-04Y	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)
L2424271-04Z	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)
L2424271-05A	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2424271-05B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2424271-05C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424271-05X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2424271-05Y	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)
L2424271-05Z	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)
L2424271-06A	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2424271-06B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2424271-06C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424271-06X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2424271-06Y	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)
L2424271-06Z	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)
L2424271-07A	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2424271-07B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2424271-07C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424271-07X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2424271-07Y	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)
L2424271-07Z	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)
L2424271-08A	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2424271-08B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2424271-08C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424271-08X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2424271-08Y	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)
L2424271-08Z	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)
L2424271-09A	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2424271-09B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2424271-09C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424271-09X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2424271-09Y	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)
L2424271-09Z	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)
L2424271-10A	Vial Large Septa unpreserved (4oz)	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2424271-10B	Glass 60ml unpreserved split	A	NA		3.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424271
Report Date: 05/06/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2424271-10C	Glass 250ml/8oz unpreserved	A	NA		3.4	Y	Absent		NYTCL-8270(14),TS(7)
L2424271-10X	Vial MeOH preserved split	A	NA		3.4	Y	Absent		NYTCL-8260-R2(14)
L2424271-10Y	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)
L2424271-10Z	Vial Water preserved split	A	NA		3.4	Y	Absent	03-MAY-24 07:26	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424271
Project Number:	4461.0001B002	**Report Date:**	05/06/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424271
Project Number:	4461.0001B002	**Report Date:**	05/06/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424271
Project Number:	4461.0001B002	**Report Date:**	05/06/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424271
Project Number:	4461.0001B002	**Report Date:**	05/06/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

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8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
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NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/3/24

ALPHA Job #: L2424271

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project # 4461.0001 B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☒ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL + CP-51 VOCs	TCL SVOCs	TAL Metals	Sample Specific Comments	Total Bottle
24271-01	Tank 1 B-2 17	5-2-24	1330	Soil	CEH	X	X	X		
-02	Tank 1 B-3 17		1340			X	X	X		
-03	Tank 1 B-4 17		1345			X	X	X		
-04	Tank 1 NW-1 12-15		1320			X	X	X		
-05	Tank 1 NW-2 12-15		1325			X	X	X		
-06	Tank 1 SW-2 12-15		1335			X	X	X		
-07	Tank 1 EW-1 12-15		1300			X	X	X		
-08	Tank 1 EW-2 12-15		1305			X	X	X		
-09	Tank 1 WW-1 12-15		1310			X	X	X		
-10	Tank 1 WW-2 12-15		1315			X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Chester Hochreiter	5-2-24 1600	C. Quigley	5-2-24 1600
C. Quigley	5-2-24 1605		5/3/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2424539
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	05/10/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424539
Report Date: 05/10/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2424539-01	B-3R 7	SOIL	BUFFALO, NY	05/03/24 14:30	05/03/24
L2424539-02	NW-3 4-6	SOIL	BUFFALO, NY	05/03/24 14:40	05/03/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424539
Project Number:	4461.0001B002	**Report Date:**	05/10/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424539
Project Number:	4461.0001B002	**Report Date:**	05/10/24

Case Narrative (continued)

Report Revision

May 10, 2024: The Client ID has been corrected on L2424539-02.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2424539-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 05/10/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424539
Report Date: 05/10/24

SAMPLE RESULTS

Lab ID: L2424539-01
Client ID: B-3R 7
Sample Location: BUFFALO, NY

Date Collected: 05/03/24 14:30
Date Received: 05/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/09/24 21:23
Analyst: AC
Percent Solids: 87%

Extraction Method: EPA 1633
Extraction Date: 05/07/24 17:00
Cleanup Method: EPA 1633
Cleanup Date: 05/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424539

Project Number: 4461.0001B002 **Report Date:** 05/10/24

SAMPLE RESULTS

Lab ID: L2424539-01 Date Collected: 05/03/24 14:30

Client ID: B-3R 7 Date Received: 05/03/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424539

Project Number: 4461.0001B002 **Report Date:** 05/10/24

SAMPLE RESULTS

Lab ID: L2424539-01 Date Collected: 05/03/24 14:30

Client ID: B-3R 7 Date Received: 05/03/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	79		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	77		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	75		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	79		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	74		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	87		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	61		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	60		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	42		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	72		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	47		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	44		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	57		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	54		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424539
Report Date: 05/10/24

SAMPLE RESULTS

Lab ID: L2424539-02
Client ID: NW-3 4-6
Sample Location: BUFFALO, NY

Date Collected: 05/03/24 14:40
Date Received: 05/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 05/09/24 21:36
Analyst: AC
Percent Solids: 98%

Extraction Method: EPA 1633
Extraction Date: 05/07/24 17:00
Cleanup Method: EPA 1633
Cleanup Date: 05/08/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.781	0.049	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.391	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.195	0.042	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.781	0.079	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.195	0.045	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.195	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.195	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.195	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.195	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.781	0.274	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.195	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.195	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	0.345		ng/g	0.195	0.077	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.195	0.073	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.781	0.378	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.195	0.041	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.195	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.195	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.195	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.195	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.195	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.195	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.195	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.195	0.104	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.781	0.096	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.781	0.143	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.195	0.038	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424539

Project Number: 4461.0001B002 **Report Date:** 05/10/24

SAMPLE RESULTS

Lab ID: L2424539-02 Date Collected: 05/03/24 14:40

Client ID: NW-3 4-6 Date Received: 05/03/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.781	0.191	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.781	0.163	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.195	0.098	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.195	0.109	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.95	0.244	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.95	0.498	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.391	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.391	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.391	0.081	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.391	0.093	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.977	0.141	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.88	0.493	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.88	1.72	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424539

Project Number: 4461.0001B002 **Report Date:** 05/10/24

SAMPLE RESULTS

Lab ID: L2424539-02 Date Collected: 05/03/24 14:40

Client ID: NW-3 4-6 Date Received: 05/03/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	90		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	82		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	74		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	93		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	43		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	84		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	48		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	72		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	46		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	82		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	60		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	56		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	73		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	67		20-150

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424539

Project Number: 4461.0001B002 **Report Date:** 05/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/09/24 20:45
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/07/24 17:00
Cleanup Method: EPA 1633
Cleanup Date: 05/08/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-02 Batch: WG1918131-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424539
Report Date: 05/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/09/24 20:45
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/07/24 17:00
Cleanup Method: EPA 1633
Cleanup Date: 05/08/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-02 Batch: WG1918131-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424539
Report Date: 05/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 05/09/24 20:45
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/07/24 17:00
Cleanup Method: EPA 1633
Cleanup Date: 05/08/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-02 Batch: WG1918131-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	86		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	91		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	87		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	80		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	79		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	87		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	94		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	74		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	84		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	72		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	44		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	76		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	52		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	51		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	72		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	62		20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424539

Report Date: 05/10/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1918131-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	93		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	96		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	87		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	88		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	96		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	93		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	96		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	97		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	93		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	100		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	95		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	93		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	94		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	95		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	99		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	99		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	100		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	90		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	91		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	99		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	92		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	96		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424539

Report Date: 05/10/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1918131-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	76		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	96		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	96		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	105		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	57		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	112		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	102		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	104		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	93		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	99		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	97		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	99		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	94		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	97		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	101		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	89		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	90		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	80		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424539

Report Date: 05/10/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1918131-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	89				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	81				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	77				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	77				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	84				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	92				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	71				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	86				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	82				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	71				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	46				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	76				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	55				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	53				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	68				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	65				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424539

Report Date: 05/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1918131-3								
Perfluorobutanoic Acid (PFBA)	82		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	82		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	79		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	87		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	80		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	82		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	82		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	79		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	79		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	88		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	85		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	82		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	81		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	92		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	87		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	88		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	81		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	85		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	87		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	85		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	82		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	80		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424539

Report Date: 05/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1918131-3								
Perfluorotridecanoic Acid (PFTrDA)	68		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	86		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	83		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	91		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	54		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	100		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	92		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	86		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	86		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	88		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	91		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	86		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	86		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	82		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	76		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	84		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	78		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	73		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424539

Report Date: 05/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1918131-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	86				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	79				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	77				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	98				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	81				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	84				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	80				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	76				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	45				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	82				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	58				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	53				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	69				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	65				20-150

METALS

Project Name: 1681-1689 MAIN STREET
Lab Number: L2424539
Project Number: 4461.0001B002
Report Date: 05/10/24

SAMPLE RESULTS

Lab ID: L2424539-01
Client ID: B-3R 7
Sample Location: BUFFALO, NY
Date Collected: 05/03/24 14:30
Date Received: 05/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.00		mg/kg	0.870	0.181	2	05/07/24 08:00	05/07/24 21:26	EPA 3050B	1,6010D	JMF
Barium, Total	49.7		mg/kg	0.870	0.151	2	05/07/24 08:00	05/07/24 21:26	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.166	J	mg/kg	0.870	0.085	2	05/07/24 08:00	05/07/24 21:26	EPA 3050B	1,6010D	JMF
Chromium, Total	11.4		mg/kg	0.870	0.084	2	05/07/24 08:00	05/07/24 21:26	EPA 3050B	1,6010D	JMF
Lead, Total	12.4		mg/kg	4.35	0.233	2	05/07/24 08:00	05/07/24 21:26	EPA 3050B	1,6010D	JMF
Mercury, Total	0.055	J	mg/kg	0.074	0.048	1	05/07/24 09:40	05/09/24 14:07	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.74	0.224	2	05/07/24 08:00	05/07/24 21:26	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.435	0.246	2	05/07/24 08:00	05/07/24 21:26	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424539

Project Number: 4461.0001B002 **Report Date:** 05/10/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1917789-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/07/24 08:00	05/07/24 19:30	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	05/07/24 08:00	05/07/24 19:30	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/07/24 08:00	05/07/24 19:30	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	05/07/24 08:00	05/07/24 19:30	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	05/07/24 08:00	05/07/24 19:30	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/07/24 08:00	05/07/24 19:30	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	05/07/24 08:00	05/07/24 19:30	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1917792-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/07/24 09:40	05/09/24 12:35	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424539

Report Date: 05/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1917789-2								
Arsenic, Total	98		-		80-120	-		
Barium, Total	101		-		80-120	-		
Cadmium, Total	95		-		80-120	-		
Chromium, Total	101		-		80-120	-		
Lead, Total	101		-		80-120	-		
Selenium, Total	99		-		80-120	-		
Silver, Total	98		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1917792-2								
Mercury, Total	100		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424539
Report Date: 05/10/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1917789-3 QC Sample: L2424590-02 Client ID: MS Sample												
Arsenic, Total	9.39	10.4	17.5	78		-	-		75-125	-		20
Barium, Total	51.2	174	208	90		-	-		75-125	-		20
Cadmium, Total	0.180J	4.6	4.18	91		-	-		75-125	-		20
Chromium, Total	21.3	17.4	39.2	103		-	-		75-125	-		20
Lead, Total	45.1	46	135	**195**	Q	-	-		75-125	-		20
Selenium, Total	0.228J	10.4	9.73	93		-	-		75-125	-		20
Silver, Total	0.246J	4.34	4.26	98		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1917792-3 QC Sample: L2424061-01 Client ID: MS Sample												
Mercury, Total	0.765	1.76	2.37	91		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424539

Report Date: 05/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1917789-4 QC Sample: L2424590-02 Client ID: DUP Sample						
Lead, Total	45.1	30.8	mg/kg	**38**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1917792-4 QC Sample: L2424061-01 Client ID: DUP Sample						
Mercury, Total	0.765	0.698	mg/kg	9		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424539
Report Date: 05/10/24

SAMPLE RESULTS

Lab ID: L2424539-01
Client ID: B-3R 7
Sample Location: BUFFALO, NY

Date Collected: 05/03/24 14:30
Date Received: 05/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	05/06/24 21:57	121,2540G	WJM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424539
Report Date: 05/10/24

SAMPLE RESULTS

Lab ID: L2424539-02
Client ID: NW-3 4-6
Sample Location: BUFFALO, NY

Date Collected: 05/03/24 14:40
Date Received: 05/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.5		%	0.100	NA	1	-	05/06/24 21:57	121,2540G	WJM

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424539

Report Date: 05/10/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1917676-1 QC Sample: L2421795-29 Client ID: DUP Sample						
Solids, Total	82.5	85.0	%	3		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424539
Report Date: 05/10/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2424539-01A	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		TS(7)
L2424539-01B	Glass 60ml unpreserved split	A	NA		3.5	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2424539-01C	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		A2-1633-DRAFT(90)
L2424539-02A	Plastic 8oz unpreserved	A	NA		3.5	Y	Absent		A2-1633-DRAFT(90)
L2424539-02B	Glass 60ml unpreserved split	A	NA		3.5	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424539
Report Date: 05/10/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424539
Report Date: 05/10/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424539
Project Number:	4461.0001B002	**Report Date:**	05/10/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424539
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424539
Project Number:	4461.0001B002	**Report Date:**	05/10/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424539
Project Number:	4461.0001B002	**Report Date:**	05/10/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 5/4/24

ALPHA Job #: L2424539

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: amunley@rouxinc.com

Project Information

Project Name: 1681-1689 main Street
Project Location: Buffalo, NY
Project # 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date: 5
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ **Done**
☐ **Lab to do**
Preservation
☐ **Lab to do**
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	RCRA metals	1633 PFAS	Sample Specific Comments	Total Bottle
24539-01	B-3R 7	5-3-24	1430	Soil	CEH	X	X		
-02	NW-3 4-6	5-3-24	1440	Soil	CEH	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type															
Preservative															

Relinquished By:	Date/Time	Received By:	Date/Time
Cleste Hartman	5-3-24 1500	C. Dunigan	5-3-24 1500
C. Dunigan	5-3-24 15:03		5/4/24 0040

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2424794
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	05/13/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424794
Report Date: 05/13/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2424794-01	NC NW-1 2-3	SOIL	BUFFALO, NY	05/06/24 08:30	05/06/24
L2424794-02	NC NW-2 2-3	SOIL	BUFFALO, NY	05/06/24 08:40	05/06/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424794
Project Number:	4461.0001B002	**Report Date:**	05/13/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424794
Project Number:	4461.0001B002	**Report Date:**	05/13/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2424794-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 05/13/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424794
Report Date: 05/13/24

SAMPLE RESULTS

Lab ID: L2424794-01
Client ID: NC NW-1 2-3
Sample Location: BUFFALO, NY

Date Collected: 05/06/24 08:30
Date Received: 05/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/08/24 17:25
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/08/24 01:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	76	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	47	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424794

Project Number: 4461.0001B002 **Report Date:** 05/13/24

SAMPLE RESULTS

Lab ID: L2424794-01 Date Collected: 05/06/24 08:30

Client ID: NC NW-1 2-3 Date Received: 05/06/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	42	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	90	J	ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	110	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424794

Project Number: 4461.0001B002 **Report Date:** 05/13/24

SAMPLE RESULTS

Lab ID: L2424794-01 Date Collected: 05/06/24 08:30

Client ID: NC NW-1 2-3 Date Received: 05/06/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	78		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424794
Report Date: 05/13/24

SAMPLE RESULTS

Lab ID: L2424794-02
Client ID: NC NW-2 2-3
Sample Location: BUFFALO, NY

Date Collected: 05/06/24 08:40
Date Received: 05/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/09/24 06:43
Analyst: JG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/08/24 01:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424794

Project Number: 4461.0001B002 **Report Date:** 05/13/24

SAMPLE RESULTS

Lab ID: L2424794-02 Date Collected: 05/06/24 08:40

Client ID: NC NW-2 2-3 Date Received: 05/06/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	31.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424794

Project Number: 4461.0001B002 **Report Date:** 05/13/24

SAMPLE RESULTS

Lab ID: L2424794-02 Date Collected: 05/06/24 08:40

Client ID: NC NW-2 2-3 Date Received: 05/06/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	71		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424794
Report Date: 05/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/08/24 10:00
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/07/24 20:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1918228-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424794
Report Date: 05/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/08/24 10:00
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/07/24 20:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1918228-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424794
Report Date: 05/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/08/24 10:00
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/07/24 20:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1918228-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	64		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424794

Report Date: 05/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1918228-2 WG1918228-3								
Acenaphthene	70		80		31-137	13		50
Hexachlorobenzene	80		92		40-140	14		50
Bis(2-chloroethyl)ether	72		81		40-140	12		50
2-Chloronaphthalene	68		80		40-140	16		50
3,3'-Dichlorobenzidine	55		64		40-140	15		50
2,4-Dinitrotoluene	72		83		40-132	14		50
2,6-Dinitrotoluene	83		97		40-140	16		50
Fluoranthene	77		88		40-140	13		50
4-Chlorophenyl phenyl ether	78		89		40-140	13		50
4-Bromophenyl phenyl ether	81		93		40-140	14		50
Bis(2-chloroisopropyl)ether	72		84		40-140	15		50
Bis(2-chloroethoxy)methane	73		84		40-117	14		50
Hexachlorobutadiene	77		88		40-140	13		50
Hexachlorocyclopentadiene	99		116		40-140	16		50
Hexachloroethane	69		79		40-140	14		50
Isophorone	76		88		40-140	15		50
Naphthalene	69		80		40-140	15		50
Nitrobenzene	78		90		40-140	14		50
NDPA/DPA	73		84		36-157	14		50
n-Nitrosodi-n-propylamine	75		88		32-121	16		50
Bis(2-ethylhexyl)phthalate	64		74		40-140	14		50
Butyl benzyl phthalate	76		88		40-140	15		50
Di-n-butylphthalate	79		90		40-140	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424794

Report Date: 05/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1918228-2 WG1918228-3								
Di-n-octylphthalate	68		78		40-140	14		50
Diethyl phthalate	72		83		40-140	14		50
Dimethyl phthalate	71		83		40-140	16		50
Benzo(a)anthracene	75		87		40-140	15		50
Benzo(a)pyrene	78		90		40-140	14		50
Benzo(b)fluoranthene	77		89		40-140	14		50
Benzo(k)fluoranthene	76		87		40-140	13		50
Chrysene	73		83		40-140	13		50
Acenaphthylene	71		83		40-140	16		50
Anthracene	72		81		40-140	12		50
Benzo(ghi)perylene	73		85		40-140	15		50
Fluorene	71		81		40-140	13		50
Phenanthrene	68		76		40-140	11		50
Dibenzo(a,h)anthracene	75		86		40-140	14		50
Indeno(1,2,3-cd)pyrene	78		90		40-140	14		50
Pyrene	76		87		35-142	13		50
Biphenyl	67		78		37-127	15		50
4-Chloroaniline	57		66		40-140	15		50
2-Nitroaniline	81		98		47-134	19		50
3-Nitroaniline	68		77		26-129	12		50
4-Nitroaniline	77		88		41-125	13		50
Dibenzofuran	68		78		40-140	14		50
2-Methylnaphthalene	71		82		40-140	14		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424794

Report Date: 05/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1918228-2 WG1918228-3								
1,2,4,5-Tetrachlorobenzene	77		90		40-117	16		50
Acetophenone	74		86		14-144	15		50
2,4,6-Trichlorophenol	84		100		30-130	17		50
p-Chloro-m-cresol	80		94		26-103	16		50
2-Chlorophenol	78		89		25-102	13		50
2,4-Dichlorophenol	77		89		30-130	14		50
2,4-Dimethylphenol	97		111		30-130	13		50
2-Nitrophenol	93		108		30-130	15		50
4-Nitrophenol	95		111		11-114	16		50
2,4-Dinitrophenol	75		95		4-130	24		50
4,6-Dinitro-o-cresol	94		108		10-130	14		50
Pentachlorophenol	88		104		17-109	17		50
Phenol	74		85		26-90	14		50
2-Methylphenol	79		93		30-130.	16		50
3-Methylphenol/4-Methylphenol	79		92		30-130	15		50
2,4,5-Trichlorophenol	83		97		30-130	16		50
Carbazole	71		81		54-128	13		50
Atrazine	74		86		40-140	15		50
Benzaldehyde	66		76		40-140	14		50
Caprolactam	92		109		15-130	17		50
2,3,4,6-Tetrachlorophenol	88		102		40-140	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424794

Report Date: 05/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1918228-2 WG1918228-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	71		81		25-120
Phenol-d6	71		82		10-120
Nitrobenzene-d5	73		85		23-120
2-Fluorobiphenyl	63		74		30-120
2,4,6-Tribromophenol	80		90		10-136
4-Terphenyl-d14	73		83		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424794
Report Date: 05/13/24

SAMPLE RESULTS

Lab ID: L2424794-01
Client ID: NC NW-1 2-3
Sample Location: BUFFALO, NY
Date Collected: 05/06/24 08:30
Date Received: 05/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.22		mg/kg	0.921	0.191	2	05/09/24 07:00	05/10/24 12:44	EPA 3050B	1,6010D	MAM
Barium, Total	82.6		mg/kg	0.921	0.160	2	05/09/24 07:00	05/10/24 12:44	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.139	J	mg/kg	0.921	0.090	2	05/09/24 07:00	05/10/24 12:44	EPA 3050B	1,6010D	MAM
Chromium, Total	13.2		mg/kg	0.921	0.088	2	05/09/24 07:00	05/10/24 12:44	EPA 3050B	1,6010D	MAM
Lead, Total	14.7		mg/kg	4.60	0.247	2	05/09/24 07:00	05/10/24 12:44	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.075	0.049	1	05/09/24 08:55	05/11/24 00:14	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.84	0.238	2	05/09/24 07:00	05/10/24 12:44	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.460	0.260	2	05/09/24 07:00	05/10/24 12:44	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2424794
Report Date: 05/13/24

SAMPLE RESULTS

Lab ID: L2424794-02
Client ID: NC NW-2 2-3
Sample Location: BUFFALO, NY
Date Collected: 05/06/24 08:40
Date Received: 05/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.48		mg/kg	0.910	0.189	2	05/09/24 07:00	05/10/24 12:48	EPA 3050B	1,6010D	MAM
Barium, Total	133		mg/kg	0.910	0.158	2	05/09/24 07:00	05/10/24 12:48	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.427	J	mg/kg	0.910	0.089	2	05/09/24 07:00	05/10/24 12:48	EPA 3050B	1,6010D	MAM
Chromium, Total	20.8		mg/kg	0.910	0.087	2	05/09/24 07:00	05/10/24 12:48	EPA 3050B	1,6010D	MAM
Lead, Total	54.9		mg/kg	4.55	0.244	2	05/09/24 07:00	05/10/24 12:48	EPA 3050B	1,6010D	MAM
Mercury, Total	0.060	J	mg/kg	0.072	0.047	1	05/09/24 08:55	05/11/24 00:23	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.82	0.235	2	05/09/24 07:00	05/10/24 12:48	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.455	0.257	2	05/09/24 07:00	05/10/24 12:48	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2424794

Project Number: 4461.0001B002 **Report Date:** 05/13/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1918849-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/09/24 07:00	05/09/24 13:22	1,6010D	TAA
Barium, Total	ND		mg/kg	0.400	0.070	1	05/09/24 07:00	05/09/24 13:22	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/09/24 07:00	05/09/24 13:22	1,6010D	TAA
Chromium, Total	ND		mg/kg	0.400	0.038	1	05/09/24 07:00	05/09/24 13:22	1,6010D	TAA
Lead, Total	ND		mg/kg	2.00	0.107	1	05/09/24 07:00	05/09/24 13:22	1,6010D	TAA
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/09/24 07:00	05/09/24 13:22	1,6010D	TAA
Silver, Total	ND		mg/kg	0.200	0.113	1	05/09/24 07:00	05/09/24 13:22	1,6010D	TAA

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1918851-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/09/24 08:55	05/09/24 11:15	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424794

Report Date: 05/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1918849-2								
Arsenic, Total	97		-		80-120	-		
Barium, Total	101		-		80-120	-		
Cadmium, Total	91		-		80-120	-		
Chromium, Total	93		-		80-120	-		
Lead, Total	99		-		80-120	-		
Selenium, Total	92		-		80-120	-		
Silver, Total	94		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1918851-2								
Mercury, Total	103		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424794
Report Date: 05/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1918849-3 WG1918849-4 QC Sample: L2425097-06 Client ID: MS Sample												
Arsenic, Total	3.00	12.1	11.9	**74**	Q	12.0	75		75-125	1		20
Barium, Total	150	201	372	110		333	92		75-125	11		20
Cadmium, Total	ND	5.33	4.52	85		4.18	79		75-125	8		20
Chromium, Total	27.4	20.1	48.2	103		44.8	87		75-125	7		20
Lead, Total	11.0	53.3	62.6	97		62.4	97		75-125	0		20
Selenium, Total	ND	12.1	9.77	81		9.34	78		75-125	5		20
Silver, Total	ND	5.03	4.76	94		4.57	92		75-125	4		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1918851-3 WG1918851-4 QC Sample: L2425097-06 Client ID: MS Sample												
Mercury, Total	0.078J	1.66	1.75	105		1.71	103		80-120	2		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2424794
Report Date: 05/13/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1918849-6 QC Sample: L2425097-06 Client ID: DUP Sample						
Barium, Total	150	156	mg/kg	4		20
Chromium, Total	27.4	30.0	mg/kg	9		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424794
Report Date: 05/13/24

SAMPLE RESULTS

Lab ID: L2424794-01
Client ID: NC NW-1 2-3
Sample Location: BUFFALO, NY

Date Collected: 05/06/24 08:30
Date Received: 05/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	05/07/24 10:54	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424794
Report Date: 05/13/24

SAMPLE RESULTS

Lab ID: L2424794-02
Client ID: NC NW-2 2-3
Sample Location: BUFFALO, NY

Date Collected: 05/06/24 08:40
Date Received: 05/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	05/07/24 10:54	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2424794

Report Date: 05/13/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1917869-1 QC Sample: L2424863-04 Client ID: DUP Sample						
Solids, Total	54.7	54.6	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424794
Report Date: 05/13/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2424794-01A	Glass 60ml unpreserved split	A	NA		3.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2424794-01B	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TS(7)
L2424794-02A	Glass 60ml unpreserved split	A	NA		3.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2424794-02B	Glass 250ml/8oz unpreserved	A	NA		3.3	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424794
Project Number:	4461.0001B002	**Report Date:**	05/13/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424794
Project Number:	4461.0001B002	**Report Date:**	05/13/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424794
Project Number:	4461.0001B002	**Report Date:**	05/13/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424794
Project Number:	4461.0001B002	**Report Date:**	05/13/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 5/7/24

ALPHA Job #: L2424794

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: amunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project # 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	RCRA Metals	TCL SVOCs	Sample Specific Comments
24794-01	NC NW-1 2-3	5-6-24	0830	Soil	CEH	X	X	
02	NC NW-2 2-3	5-6-24	0840	Soil	CEH	X	X	

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Courtney Hardwicke	5-6-24 1530	C. Quigley	5-6-24 1530
C. Quigley	5-6-24 1530		5/7/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2426107
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	05/14/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426107
Report Date: 05/14/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2426107-01	NC B-23 4	SOIL	BUFFALO, NY	05/10/24 11:00	05/10/24
L2426107-02	NC B-24 4	SOIL	BUFFALO, NY	05/10/24 11:10	05/10/24
L2426107-03	NC SW-7 2-3	SOIL	BUFFALO, NY	05/10/24 11:20	05/10/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2426107
Project Number:	4461.0001B002	**Report Date:**	05/14/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2426107
Project Number:	4461.0001B002	**Report Date:**	05/14/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2426107-01: The collection date and time on the chain of custody was 10-MAY-24 11:00; however, the collection date/time on the container label was 10-MAY-24 11:10. At the client's request, the collection date/time is reported as 10-MAY-24 11:00.

L2426107-02: The collection date and time on the chain of custody was 10-MAY-24 11:10; however, the collection date/time on the container label was 10-MAY-24 11:20. At the client's request, the collection date/time is reported as 10-MAY-24 11:10.

L2426107-03: The collection date and time on the chain of custody was 10-MAY-24 11:20; however, the collection date/time on the container label was 10-MAY-24 11:00. At the client's request, the collection date/time is reported as 10-MAY-24 11:20.

Total Metals

L2426107-01, -02, and -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 05/14/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426107
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426107-01
Client ID: NC B-23 4
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 11:00
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/13/24 01:26
Analyst: ALS
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 05/11/24 05:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	110	J	ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426107

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426107-01 Date Collected: 05/10/24 11:00

Client ID: NC B-23 4 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426107

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426107-01 Date Collected: 05/10/24 11:00

Client ID: NC B-23 4 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	61		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426107
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426107-02
Client ID: NC B-24 4
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 11:10
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/13/24 01:49
Analyst: ALS
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 05/11/24 05:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	100	J	ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	150	44.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426107

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426107-02 Date Collected: 05/10/24 11:10

Client ID: NC B-24 4 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426107

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426107-02 Date Collected: 05/10/24 11:10

Client ID: NC B-24 4 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	55		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426107
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426107-03
Client ID: NC SW-7 2-3
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 11:20
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/13/24 02:13
Analyst: ALS
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 05/11/24 05:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	530		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	55.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	5100		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	57	J	ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	140	J	ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	70.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	2600		ug/kg	120	23.	1
Benzo(a)pyrene	2300		ug/kg	160	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426107

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426107-03 Date Collected: 05/10/24 11:20

Client ID: NC SW-7 2-3 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	3100		ug/kg	120	35.	1
Benzo(k)fluoranthene	1100		ug/kg	120	33.	1
Chrysene	2600		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	1100		ug/kg	120	40.	1
Benzo(ghi)perylene	1200		ug/kg	160	24.	1
Fluorene	360		ug/kg	200	20.	1
Phenanthrene	3000		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	350		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	1300		ug/kg	160	29.	1
Pyrene	4000		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	40.	1
3-Nitroaniline	ND		ug/kg	200	39.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	190	J	ug/kg	200	19.	1
2-Methylnaphthalene	51	J	ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	31.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	330		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	56.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426107

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426107-03 Date Collected: 05/10/24 11:20

Client ID: NC SW-7 2-3 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	71		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426107
Report Date: 05/14/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/11/24 01:53
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/10/24 18:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1919386-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426107

Project Number: 4461.0001B002 **Report Date:** 05/14/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/11/24 01:53
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/10/24 18:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1919386-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426107
Report Date: 05/14/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/11/24 01:53
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/10/24 18:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1919386-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	98		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426107

Report Date: 05/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1919386-2 WG1919386-3								
Acenaphthene	78		91		31-137	15		50
Hexachlorobenzene	78		88		40-140	12		50
Bis(2-chloroethyl)ether	74		87		40-140	16		50
2-Chloronaphthalene	70		79		40-140	12		50
3,3'-Dichlorobenzidine	61		72		40-140	17		50
2,4-Dinitrotoluene	87		99		40-132	13		50
2,6-Dinitrotoluene	79		89		40-140	12		50
Fluoranthene	84		98		40-140	15		50
4-Chlorophenyl phenyl ether	80		95		40-140	17		50
4-Bromophenyl phenyl ether	81		91		40-140	12		50
Bis(2-chloroisopropyl)ether	70		81		40-140	15		50
Bis(2-chloroethoxy)methane	76		86		40-117	12		50
Hexachlorobutadiene	72		81		40-140	12		50
Hexachlorocyclopentadiene	66		75		40-140	13		50
Hexachloroethane	71		83		40-140	16		50
Isophorone	75		86		40-140	14		50
Naphthalene	72		80		40-140	11		50
Nitrobenzene	81		93		40-140	14		50
NDPA/DPA	81		91		36-157	12		50
n-Nitrosodi-n-propylamine	80		92		32-121	14		50
Bis(2-ethylhexyl)phthalate	79		89		40-140	12		50
Butyl benzyl phthalate	83		97		40-140	16		50
Di-n-butylphthalate	84		98		40-140	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426107

Report Date: 05/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1919386-2 WG1919386-3								
Di-n-octylphthalate	76		87		40-140	13		50
Diethyl phthalate	82		94		40-140	14		50
Dimethyl phthalate	75		84		40-140	11		50
Benzo(a)anthracene	78		90		40-140	14		50
Benzo(a)pyrene	80		89		40-140	11		50
Benzo(b)fluoranthene	77		87		40-140	12		50
Benzo(k)fluoranthene	76		86		40-140	12		50
Chrysene	80		89		40-140	11		50
Acenaphthylene	76		84		40-140	10		50
Anthracene	80		93		40-140	15		50
Benzo(ghi)perylene	78		90		40-140	14		50
Fluorene	80		90		40-140	12		50
Phenanthrene	78		90		40-140	14		50
Dibenzo(a,h)anthracene	80		94		40-140	16		50
Indeno(1,2,3-cd)pyrene	78		89		40-140	13		50
Pyrene	84		98		35-142	15		50
Biphenyl	65		72		37-127	10		50
4-Chloroaniline	65		73		40-140	12		50
2-Nitroaniline	81		91		47-134	12		50
3-Nitroaniline	73		81		26-129	10		50
4-Nitroaniline	81		92		41-125	13		50
Dibenzofuran	79		90		40-140	13		50
2-Methylnaphthalene	71		80		40-140	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426107

Report Date: 05/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1919386-2 WG1919386-3								
1,2,4,5-Tetrachlorobenzene	69		79		40-117	14		50
Acetophenone	67		78		14-144	15		50
2,4,6-Trichlorophenol	78		91		30-130	15		50
p-Chloro-m-cresol	82		93		26-103	13		50
2-Chlorophenol	75		86		25-102	14		50
2,4-Dichlorophenol	76		85		30-130	11		50
2,4-Dimethylphenol	74		86		30-130	15		50
2-Nitrophenol	76		89		30-130	16		50
4-Nitrophenol	98		114		11-114	15		50
2,4-Dinitrophenol	72		85		4-130	17		50
4,6-Dinitro-o-cresol	92		104		10-130	12		50
Pentachlorophenol	77		86		17-109	11		50
Phenol	80		**93**	Q	26-90	15		50
2-Methylphenol	81		93		30-130.	14		50
3-Methylphenol/4-Methylphenol	84		99		30-130	16		50
2,4,5-Trichlorophenol	81		86		30-130	6		50
Carbazole	80		91		54-128	13		50
Atrazine	73		81		40-140	10		50
Benzaldehyde	59		68		40-140	14		50
Caprolactam	75		84		15-130	11		50
2,3,4,6-Tetrachlorophenol	90		104		40-140	14		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426107

Report Date: 05/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1919386-2 WG1919386-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		91		25-120
Phenol-d6	77		89		10-120
Nitrobenzene-d5	80		91		23-120
2-Fluorobiphenyl	70		79		30-120
2,4,6-Tribromophenol	80		92		10-136
4-Terphenyl-d14	81		94		18-120

METALS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426107

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426107-01 Date Collected: 05/10/24 11:00

Client ID: NC B-23 4 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.41		mg/kg	0.875	0.182	2	05/11/24 09:40	05/12/24 15:49	EPA 3050B	1,6010D	TAA
Barium, Total	74.4		mg/kg	0.875	0.152	2	05/11/24 09:40	05/12/24 15:49	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.118	J	mg/kg	0.875	0.086	2	05/11/24 09:40	05/12/24 15:49	EPA 3050B	1,6010D	TAA
Chromium, Total	12.5		mg/kg	0.875	0.084	2	05/11/24 09:40	05/12/24 15:49	EPA 3050B	1,6010D	TAA
Lead, Total	17.7		mg/kg	4.38	0.234	2	05/11/24 09:40	05/12/24 15:49	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.071	0.047	1	05/11/24 10:30	05/11/24 14:16	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.75	0.226	2	05/11/24 09:40	05/12/24 15:49	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.438	0.248	2	05/11/24 09:40	05/12/24 15:49	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426107

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426107-02 Date Collected: 05/10/24 11:10

Client ID: NC B-24 4 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.24		mg/kg	0.867	0.180	2	05/11/24 09:40	05/12/24 15:53	EPA 3050B	1,6010D	TAA
Barium, Total	67.2		mg/kg	0.867	0.151	2	05/11/24 09:40	05/12/24 15:53	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.102	J	mg/kg	0.867	0.085	2	05/11/24 09:40	05/12/24 15:53	EPA 3050B	1,6010D	TAA
Chromium, Total	12.1		mg/kg	0.867	0.083	2	05/11/24 09:40	05/12/24 15:53	EPA 3050B	1,6010D	TAA
Lead, Total	14.2		mg/kg	4.34	0.232	2	05/11/24 09:40	05/12/24 15:53	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.072	0.047	1	05/11/24 10:30	05/11/24 14:20	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.73	0.224	2	05/11/24 09:40	05/12/24 15:53	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.434	0.245	2	05/11/24 09:40	05/12/24 15:53	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426107
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426107-03
Client ID: NC SW-7 2-3
Sample Location: BUFFALO, NY
Date Collected: 05/10/24 11:20
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	9.20		mg/kg	0.950	0.198	2	05/11/24 09:40	05/12/24 15:57	EPA 3050B	1,6010D	TAA
Barium, Total	118		mg/kg	0.950	0.165	2	05/11/24 09:40	05/12/24 15:57	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.239	J	mg/kg	0.950	0.093	2	05/11/24 09:40	05/12/24 15:57	EPA 3050B	1,6010D	TAA
Chromium, Total	19.2		mg/kg	0.950	0.091	2	05/11/24 09:40	05/12/24 15:57	EPA 3050B	1,6010D	TAA
Lead, Total	212		mg/kg	4.75	0.255	2	05/11/24 09:40	05/12/24 15:57	EPA 3050B	1,6010D	TAA
Mercury, Total	0.138		mg/kg	0.079	0.051	1	05/11/24 10:30	05/11/24 14:23	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.90	0.245	2	05/11/24 09:40	05/12/24 15:57	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.475	0.269	2	05/11/24 09:40	05/12/24 15:57	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426107
Report Date: 05/14/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1919831-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/11/24 09:40	05/12/24 14:51	1,6010D	TAA
Barium, Total	ND		mg/kg	0.400	0.070	1	05/11/24 09:40	05/12/24 14:51	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/11/24 09:40	05/12/24 14:51	1,6010D	TAA
Chromium, Total	0.040	J	mg/kg	0.400	0.038	1	05/11/24 09:40	05/12/24 14:51	1,6010D	TAA
Lead, Total	ND		mg/kg	2.00	0.107	1	05/11/24 09:40	05/12/24 14:51	1,6010D	TAA
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/11/24 09:40	05/12/24 14:51	1,6010D	TAA
Silver, Total	ND		mg/kg	0.200	0.113	1	05/11/24 09:40	05/12/24 14:51	1,6010D	TAA

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1919833-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/11/24 10:30	05/11/24 13:37	1,7471B	DJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426107

Report Date: 05/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1919831-2								
Arsenic, Total	97		-		80-120	-		
Barium, Total	101		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Chromium, Total	103		-		80-120	-		
Lead, Total	103		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	81		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1919833-2								
Mercury, Total	97		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426107
Report Date: 05/14/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1919831-3 QC Sample: L2425112-01 Client ID: MS Sample												
Arsenic, Total	0.650J	9.56	10.0	104		-	-		75-125	-		20
Barium, Total	17.6	159	155	86		-	-		75-125	-		20
Cadmium, Total	ND	4.22	3.46	82		-	-		75-125	-		20
Chromium, Total	4.84	15.9	17.8	81		-	-		75-125	-		20
Lead, Total	0.944J	42.2	40.1	95		-	-		75-125	-		20
Selenium, Total	ND	9.56	8.60	90		-	-		75-125	-		20
Silver, Total	ND	3.98	3.14	79		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1919833-3 QC Sample: L2425112-01 Client ID: MS Sample												
Mercury, Total	ND	1.31	1.29	98		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426107
Report Date: 05/14/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1919831-4 QC Sample: L2425112-01 Client ID: DUP Sample						
Arsenic, Total	0.650J	0.735J	mg/kg	NC		20
Barium, Total	17.6	18.0	mg/kg	2		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	4.84	4.71	mg/kg	3		20
Lead, Total	0.944J	0.892J	mg/kg	NC		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1919833-4 QC Sample: L2425112-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426107
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426107-01
Client ID: NC B-23 4
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 11:00
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	05/11/24 10:07	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426107
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426107-02
Client ID: NC B-24 4
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 11:10
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	05/11/24 10:07	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426107
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426107-03
Client ID: NC SW-7 2-3
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 11:20
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.7		%	0.100	NA	1	-	05/11/24 10:07	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426107

Report Date: 05/14/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1919852-1 QC Sample: L2426109-01 Client ID: DUP Sample						
Solids, Total	86.5	86.8	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426107
Report Date: 05/14/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2426107-01A	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2426107-01B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L2426107-02A	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2426107-02B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L2426107-03A	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2426107-03B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2426107
Project Number:	4461.0001B002	**Report Date:**	05/14/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2426107
Project Number:	4461.0001B002	**Report Date:**	05/14/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2426107
Project Number:	4461.0001B002	**Report Date:**	05/14/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2426107
Project Number:	4461.0001B002	**Report Date:**	05/14/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/11/24

ALPHA Job #: L2426107

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmuniey@rouxinc.com

Project Information
Project Name: 681-1689 Main Street
Project Location: Buffalo, NY
Project # 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☒ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	Total Bottle
26107-01	NC B-23 4	5-10-24	1100	Soil	CEH	X	X	
02	NC B-24 4	5-10-24	1110	Soil	CEH	X	X	
03	NC SW-7 2-3	5-10-24	1120	Soil	CEH	X	X	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Justin Hochreiter	5-10-24/1600	AAL	5/10/24 16:00
AAL	5/10/24 1600		5/11/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2426109
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	05/14/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426109
Report Date: 05/14/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2426109-01	TANK 2 B-1 8	SOIL	BUFFALO, NY	05/10/24 09:00	05/10/24
L2426109-02	TANK 2 B-2 10	SOIL	BUFFALO, NY	05/10/24 09:05	05/10/24
L2426109-03	TANK 2 B-3 12	SOIL	BUFFALO, NY	05/10/24 09:10	05/10/24
L2426109-04	TANK 2 NW-1 6-7	SOIL	BUFFALO, NY	05/10/24 09:15	05/10/24
L2426109-05	TANK 2 NW-2 7-9	SOIL	BUFFALO, NY	05/10/24 09:20	05/10/24
L2426109-06	TANK 2 NW-3 8-10	SOIL	BUFFALO, NY	05/10/24 09:25	05/10/24
L2426109-07	TANK 2 SW-1 6-7	SOIL	BUFFALO, NY	05/10/24 09:30	05/10/24
L2426109-08	TANK 2 SW-2 7-9	SOIL	BUFFALO, NY	05/10/24 09:35	05/10/24
L2426109-09	TANK 2 SW-3 8-10	SOIL	BUFFALO, NY	05/10/24 09:40	05/10/24
L2426109-10	TANK 2 EW-1 6-7	SOIL	BUFFALO, NY	05/10/24 09:45	05/10/24
L2426109-11	TANK 2 WW-1 8-10	SOIL	BUFFALO, NY	05/10/24 09:50	05/10/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2426109
Project Number:	4461.0001B002	**Report Date:**	05/14/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2426109
Project Number:	4461.0001B002	**Report Date:**	05/14/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2426109-01 through -11: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2426109-01 through -11: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 05/14/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-01
Client ID: TANK 2 B-1 8
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:00
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/12/24 16:44
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	0.39	J	ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-01 Date Collected: 05/10/24 09:00

Client ID: TANK 2 B-1 8 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.23	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.38	1
Methyl Acetate	ND		ug/kg	4.5	1.1	1
Cyclohexane	ND		ug/kg	11	0.61	1
1,4-Dioxane	ND		ug/kg	90	39.	1
Freon-113	ND		ug/kg	4.5	0.78	1
Methyl cyclohexane	ND		ug/kg	4.5	0.68	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	107		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-02
Client ID: TANK 2 B-2 10
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:05
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/12/24 17:10
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	7.1	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.71	0.28	1
Chlorobenzene	ND		ug/kg	0.71	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.99	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.71	0.24	1
Bromodichloromethane	ND		ug/kg	0.71	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.39	1
cis-1,3-Dichloropropene	ND		ug/kg	0.71	0.22	1
Bromoform	ND		ug/kg	5.7	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.71	0.24	1
Benzene	ND		ug/kg	0.71	0.24	1
Toluene	ND		ug/kg	1.4	0.77	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.7	1.3	1
Bromomethane	ND		ug/kg	2.8	0.83	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
Chloroethane	ND		ug/kg	2.8	0.64	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.20	1
Trichloroethene	ND		ug/kg	0.71	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-02 Date Collected: 05/10/24 09:05

Client ID: TANK 2 B-2 10 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.29	1
p/m-Xylene	ND		ug/kg	2.8	0.80	1
o-Xylene	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.8	1
Carbon disulfide	ND		ug/kg	14	6.5	1
2-Butanone	ND		ug/kg	14	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.39	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.48	1
Methyl Acetate	ND		ug/kg	5.7	1.4	1
Cyclohexane	ND		ug/kg	14	0.78	1
1,4-Dioxane	ND		ug/kg	110	50.	1
Freon-113	ND		ug/kg	5.7	0.99	1
Methyl cyclohexane	ND		ug/kg	5.7	0.86	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	99		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-03
Client ID: TANK 2 B-3 12
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:10
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/12/24 17:36
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	0.96		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-03 Date Collected: 05/10/24 09:10

Client ID: TANK 2 B-3 12 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
Methyl Acetate	ND		ug/kg	4.8	1.1	1
Cyclohexane	ND		ug/kg	12	0.65	1
1,4-Dioxane	ND		ug/kg	96	42.	1
Freon-113	ND		ug/kg	4.8	0.83	1
Methyl cyclohexane	ND		ug/kg	4.8	0.72	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-04
Client ID: TANK 2 NW-1 6-7
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:15
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/12/24 18:02
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.21	1
Benzene	ND		ug/kg	0.62	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-04 Date Collected: 05/10/24 09:15

Client ID: TANK 2 NW-1 6-7 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
n-Butylbenzene	ND		ug/kg	1.2	0.21	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.42	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Cyclohexane	ND		ug/kg	12	0.68	1
1,4-Dioxane	ND		ug/kg	100	44.	1
Freon-113	ND		ug/kg	5.0	0.86	1
Methyl cyclohexane	ND		ug/kg	5.0	0.75	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-05
Client ID: TANK 2 NW-2 7-9
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:20
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/12/24 18:28
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-05 Date Collected: 05/10/24 09:20

Client ID: TANK 2 NW-2 7-9 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
Methyl Acetate	ND		ug/kg	3.8	0.90	1
Cyclohexane	ND		ug/kg	9.4	0.51	1
1,4-Dioxane	ND		ug/kg	75	33.	1
Freon-113	ND		ug/kg	3.8	0.65	1
Methyl cyclohexane	ND		ug/kg	3.8	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	104		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-06
Client ID: TANK 2 NW-3 8-10
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:25
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/12/24 18:54
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-06 Date Collected: 05/10/24 09:25

Client ID: TANK 2 NW-3 8-10 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	ND		ug/kg	12	5.5	1
Carbon disulfide	ND		ug/kg	12	5.2	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.12	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	12	0.63	1
1,4-Dioxane	ND		ug/kg	92	40.	1
Freon-113	ND		ug/kg	4.6	0.80	1
Methyl cyclohexane	ND		ug/kg	4.6	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**132**	Q	70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-07
Client ID: TANK 2 SW-1 6-7
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:30
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/12/24 19:20
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-07 Date Collected: 05/10/24 09:30

Client ID: TANK 2 SW-1 6-7 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Cyclohexane	ND		ug/kg	12	0.64	1
1,4-Dioxane	ND		ug/kg	95	42.	1
Freon-113	ND		ug/kg	4.7	0.82	1
Methyl cyclohexane	ND		ug/kg	4.7	0.72	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	103		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-08
Client ID: TANK 2 SW-2 7-9
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:35
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/12/24 19:46
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.12	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-08 Date Collected: 05/10/24 09:35

Client ID: TANK 2 SW-2 7-9 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	ND		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.10	1
n-Propylbenzene	ND		ug/kg	0.92	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
Methyl Acetate	ND		ug/kg	3.7	0.88	1
Cyclohexane	ND		ug/kg	9.2	0.50	1
1,4-Dioxane	ND		ug/kg	74	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	104		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-09
Client ID: TANK 2 SW-3 8-10
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:40
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/14/24 10:52
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.50	0.19	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.16	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	1.1		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-09 Date Collected: 05/10/24 09:40

Client ID: TANK 2 SW-3 8-10 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.91	1
Acetone	ND		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
n-Propylbenzene	ND		ug/kg	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
Methyl Acetate	ND		ug/kg	4.0	0.94	1
Cyclohexane	ND		ug/kg	9.9	0.54	1
1,4-Dioxane	ND		ug/kg	79	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	104		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-10
Client ID: TANK 2 EW-1 6-7
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:45
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/12/24 20:39
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	0.41	J	ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-10 Date Collected: 05/10/24 09:45

Client ID: TANK 2 EW-1 6-7 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.99	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
Methyl Acetate	ND		ug/kg	4.3	1.0	1
Cyclohexane	ND		ug/kg	11	0.59	1
1,4-Dioxane	ND		ug/kg	87	38.	1
Freon-113	ND		ug/kg	4.3	0.75	1
Methyl cyclohexane	ND		ug/kg	4.3	0.65	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**131**	Q	70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	112		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-11
Client ID: TANK 2 WW-1 8-10
Sample Location: BUFFALO, NY
Date Collected: 05/10/24 09:50
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/12/24 21:05
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	0.39	J	ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-11 Date Collected: 05/10/24 09:50

Client ID: TANK 2 WW-1 8-10 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
Methyl Acetate	ND		ug/kg	4.5	1.1	1
Cyclohexane	ND		ug/kg	11	0.61	1
1,4-Dioxane	ND		ug/kg	90	39.	1
Freon-113	ND		ug/kg	4.5	0.78	1
Methyl cyclohexane	ND		ug/kg	4.5	0.68	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	108		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/12/24 16:17
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,10-11 Batch: WG1920367-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/12/24 16:17
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,10-11 Batch: WG1920367-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/12/24 16:17
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,10-11 Batch: WG1920367-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/14/24 10:00
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1920913-5					
Methylene chloride	2.8	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.36	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/14/24 10:00
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1920913-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/14/24 10:00
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1920913-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426109

Report Date: 05/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10-11 Batch: WG1920367-3 WG1920367-4								
Methylene chloride	93		90		70-130	3		30
1,1-Dichloroethane	110		103		70-130	7		30
Chloroform	107		105		70-130	2		30
Carbon tetrachloride	106		99		70-130	7		30
1,2-Dichloropropane	98		102		70-130	4		30
Dibromochloromethane	100		104		70-130	4		30
1,1,2-Trichloroethane	109		108		70-130	1		30
Tetrachloroethene	106		108		70-130	2		30
Chlorobenzene	105		110		70-130	5		30
Trichlorofluoromethane	127		116		70-139	9		30
1,2-Dichloroethane	114		111		70-130	3		30
1,1,1-Trichloroethane	121		114		70-130	6		30
Bromodichloromethane	107		105		70-130	2		30
trans-1,3-Dichloropropene	125		124		70-130	1		30
cis-1,3-Dichloropropene	107		101		70-130	6		30
Bromoform	101		106		70-130	5		30
1,1,2,2-Tetrachloroethane	109		115		70-130	5		30
Benzene	103		98		70-130	5		30
Toluene	107		108		70-130	1		30
Ethylbenzene	117		115		70-130	2		30
Chloromethane	103		90		52-130	13		30
Bromomethane	128		93		57-147	**32**	Q	30
Vinyl chloride	107		106		67-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426109

Report Date: 05/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10-11 Batch: WG1920367-3 WG1920367-4								
Chloroethane	106		68		50-151	**44**	Q	30
1,1-Dichloroethene	108		92		65-135	16		30
trans-1,2-Dichloroethene	102		98		70-130	4		30
Trichloroethene	100		96		70-130	4		30
1,2-Dichlorobenzene	101		103		70-130	2		30
1,3-Dichlorobenzene	106		109		70-130	3		30
1,4-Dichlorobenzene	102		107		70-130	5		30
Methyl tert butyl ether	107		103		66-130	4		30
p/m-Xylene	109		107		70-130	2		30
o-Xylene	107		105		70-130	2		30
cis-1,2-Dichloroethene	100		94		70-130	6		30
Styrene	104		108		70-130	4		30
Dichlorodifluoromethane	120		105		30-146	13		30
Acetone	90		85		54-140	6		30
Carbon disulfide	100		91		59-130	9		30
2-Butanone	86		83		70-130	4		30
4-Methyl-2-pentanone	106		113		70-130	6		30
2-Hexanone	99		96		70-130	3		30
Bromochloromethane	87		84		70-130	4		30
1,2-Dibromoethane	101		103		70-130	2		30
n-Butylbenzene	125		130		70-130	4		30
sec-Butylbenzene	112		121		70-130	8		30
1,2-Dibromo-3-chloropropane	92		95		68-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426109

Report Date: 05/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10-11 Batch: WG1920367-3 WG1920367-4								
Isopropylbenzene	116		118		70-130	2		30
p-Isopropyltoluene	112		116		70-130	4		30
n-Propylbenzene	122		128		70-130	5		30
1,2,3-Trichlorobenzene	108		118		70-130	9		30
1,2,4-Trichlorobenzene	119		125		70-130	5		30
1,3,5-Trimethylbenzene	114		122		70-130	7		30
1,2,4-Trimethylbenzene	119		121		70-130	2		30
Methyl Acetate	87		82		51-146	6		30
Cyclohexane	109		104		59-142	5		30
1,4-Dioxane	113		110		65-136	3		30
Freon-113	115		101		50-139	13		30
Methyl cyclohexane	108		105		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	121		112		70-130
Toluene-d8	108		114		70-130
4-Bromofluorobenzene	115		128		70-130
Dibromofluoromethane	104		95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426109

Report Date: 05/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1920913-3 WG1920913-4								
Methylene chloride	98		96		70-130	2		30
1,1-Dichloroethane	113		108		70-130	5		30
Chloroform	111		106		70-130	5		30
Carbon tetrachloride	105		100		70-130	5		30
1,2-Dichloropropane	105		102		70-130	3		30
Dibromochloromethane	102		106		70-130	4		30
1,1,2-Trichloroethane	111		115		70-130	4		30
Tetrachloroethene	110		115		70-130	4		30
Chlorobenzene	110		108		70-130	2		30
Trichlorofluoromethane	121		112		70-139	8		30
1,2-Dichloroethane	114		116		70-130	2		30
1,1,1-Trichloroethane	123		112		70-130	9		30
Bromodichloromethane	107		107		70-130	0		30
trans-1,3-Dichloropropene	127		128		70-130	1		30
cis-1,3-Dichloropropene	106		102		70-130	4		30
Bromoform	93		100		70-130	7		30
1,1,2,2-Tetrachloroethane	107		114		70-130	6		30
Benzene	102		102		70-130	0		30
Toluene	116		113		70-130	3		30
Ethylbenzene	115		118		70-130	3		30
Chloromethane	107		93		52-130	14		30
Bromomethane	128		104		57-147	21		30
Vinyl chloride	107		102		67-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426109

Report Date: 05/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1920913-3 WG1920913-4								
Chloroethane	101		80		50-151	23		30
1,1-Dichloroethene	105		103		65-135	2		30
trans-1,2-Dichloroethene	107		100		70-130	7		30
Trichloroethene	105		100		70-130	5		30
1,2-Dichlorobenzene	106		107		70-130	1		30
1,3-Dichlorobenzene	112		106		70-130	6		30
1,4-Dichlorobenzene	106		105		70-130	1		30
Methyl tert butyl ether	110		106		66-130	4		30
p/m-Xylene	110		109		70-130	1		30
o-Xylene	103		107		70-130	4		30
cis-1,2-Dichloroethene	101		96		70-130	5		30
Styrene	104		107		70-130	3		30
Dichlorodifluoromethane	115		101		30-146	13		30
Acetone	82		87		54-140	6		30
Carbon disulfide	105		97		59-130	8		30
2-Butanone	80		88		70-130	10		30
4-Methyl-2-pentanone	108		121		70-130	11		30
2-Hexanone	97		104		70-130	7		30
Bromochloromethane	86		89		70-130	3		30
1,2-Dibromoethane	99		106		70-130	7		30
n-Butylbenzene	**133**	Q	**132**	Q	70-130	1		30
sec-Butylbenzene	112		121		70-130	8		30
1,2-Dibromo-3-chloropropane	90		94		68-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426109

Report Date: 05/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1920913-3 WG1920913-4								
Isopropylbenzene	116		110		70-130	5		30
p-Isopropyltoluene	114		112		70-130	2		30
n-Propylbenzene	122		123		70-130	1		30
1,2,3-Trichlorobenzene	113		114		70-130	1		30
1,2,4-Trichlorobenzene	122		120		70-130	2		30
1,3,5-Trimethylbenzene	115		121		70-130	5		30
1,2,4-Trimethylbenzene	120		122		70-130	2		30
Methyl Acetate	94		90		51-146	4		30
Cyclohexane	108		110		59-142	2		30
1,4-Dioxane	107		110		65-136	3		30
Freon-113	110		103		50-139	7		30
Methyl cyclohexane	108		105		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		111		70-130
Toluene-d8	111		116		70-130
4-Bromofluorobenzene	114		115		70-130
Dibromofluoromethane	98		96		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-01
Client ID: TANK 2 B-1 8
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:00
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/14/24 09:48
Analyst: IM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/11/24 05:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-01 Date Collected: 05/10/24 09:00

Client ID: TANK 2 B-1 8 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-01 Date Collected: 05/10/24 09:00

Client ID: TANK 2 B-1 8 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	72		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-02
Client ID: TANK 2 B-2 10
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:05
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/12/24 21:32
Analyst: ALS
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/11/24 05:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	130	J	ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-02 Date Collected: 05/10/24 09:05

Client ID: TANK 2 B-2 10 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	33	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-02 Date Collected: 05/10/24 09:05

Client ID: TANK 2 B-2 10 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	47		10-136
4-Terphenyl-d14	51		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-03
Client ID: TANK 2 B-3 12
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:10
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/12/24 21:55
Analyst: ALS
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/11/24 05:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	140	J	ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-03 Date Collected: 05/10/24 09:10

Client ID: TANK 2 B-3 12 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	33	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-03 Date Collected: 05/10/24 09:10

Client ID: TANK 2 B-3 12 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	61		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-04
Client ID: TANK 2 NW-1 6-7
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:15
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/12/24 22:19
Analyst: ALS
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/11/24 05:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	140	J	ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-04 Date Collected: 05/10/24 09:15

Client ID: TANK 2 NW-1 6-7 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	33	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-04 Date Collected: 05/10/24 09:15

Client ID: TANK 2 NW-1 6-7 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	60		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-05
Client ID: TANK 2 NW-2 7-9
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:20
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/12/24 22:42
Analyst: ALS
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/11/24 05:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	140	J	ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-05 Date Collected: 05/10/24 09:20

Client ID: TANK 2 NW-2 7-9 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	32	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-05 Date Collected: 05/10/24 09:20

Client ID: TANK 2 NW-2 7-9 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	64		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-06
Client ID: TANK 2 NW-3 8-10
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:25
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/12/24 23:06
Analyst: ALS
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/11/24 05:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	140	J	ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-06 Date Collected: 05/10/24 09:25

Client ID: TANK 2 NW-3 8-10 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	35	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-06 Date Collected: 05/10/24 09:25

Client ID: TANK 2 NW-3 8-10 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	66		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-07
Client ID: TANK 2 SW-1 6-7
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:30
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/12/24 23:29
Analyst: ALS
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/11/24 05:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	140	J	ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-07 Date Collected: 05/10/24 09:30

Client ID: TANK 2 SW-1 6-7 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-07 Date Collected: 05/10/24 09:30

Client ID: TANK 2 SW-1 6-7 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	60		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-08
Client ID: TANK 2 SW-2 7-9
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:35
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/12/24 23:53
Analyst: ALS
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/11/24 05:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	120	J	ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-08 Date Collected: 05/10/24 09:35

Client ID: TANK 2 SW-2 7-9 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-08 Date Collected: 05/10/24 09:35

Client ID: TANK 2 SW-2 7-9 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	68		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-09
Client ID: TANK 2 SW-3 8-10
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:40
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/13/24 00:16
Analyst: ALS
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/11/24 05:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	110	J	ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-09 Date Collected: 05/10/24 09:40

Client ID: TANK 2 SW-3 8-10 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-09 Date Collected: 05/10/24 09:40

Client ID: TANK 2 SW-3 8-10 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	45		10-136
4-Terphenyl-d14	52		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-10
Client ID: TANK 2 EW-1 6-7
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:45
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/13/24 00:39
Analyst: ALS
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/11/24 05:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	130	J	ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-10 Date Collected: 05/10/24 09:45

Client ID: TANK 2 EW-1 6-7 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	35	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-10 Date Collected: 05/10/24 09:45

Client ID: TANK 2 EW-1 6-7 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	70		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-11
Client ID: TANK 2 WW-1 8-10
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:50
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/13/24 01:03
Analyst: ALS
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/11/24 05:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	120	J	ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-11 Date Collected: 05/10/24 09:50

Client ID: TANK 2 WW-1 8-10 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-11 Date Collected: 05/10/24 09:50

Client ID: TANK 2 WW-1 8-10 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	69		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426109
Report Date: 05/14/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/10/24 22:59
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/10/24 16:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1919722-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/10/24 22:59
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/10/24 16:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1919722-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/10/24 22:59
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/10/24 16:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1919722-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	71		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426109

Report Date: 05/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1919722-2 WG1919722-3								
Acenaphthene	74		77		31-137	4		50
Hexachlorobenzene	80		82		40-140	2		50
Bis(2-chloroethyl)ether	66		69		40-140	4		50
2-Chloronaphthalene	71		76		40-140	7		50
3,3'-Dichlorobenzidine	63		67		40-140	6		50
2,4-Dinitrotoluene	83		89		40-132	7		50
2,6-Dinitrotoluene	82		86		40-140	5		50
Fluoranthene	75		80		40-140	6		50
4-Chlorophenyl phenyl ether	71		76		40-140	7		50
4-Bromophenyl phenyl ether	78		81		40-140	4		50
Bis(2-chloroisopropyl)ether	72		77		40-140	7		50
Bis(2-chloroethoxy)methane	69		73		40-117	6		50
Hexachlorobutadiene	73		73		40-140	0		50
Hexachlorocyclopentadiene	104		108		40-140	4		50
Hexachloroethane	67		69		40-140	3		50
Isophorone	66		71		40-140	7		50
Naphthalene	69		72		40-140	4		50
Nitrobenzene	67		72		40-140	7		50
NDPA/DPA	71		75		36-157	5		50
n-Nitrosodi-n-propylamine	67		73		32-121	9		50
Bis(2-ethylhexyl)phthalate	82		88		40-140	7		50
Butyl benzyl phthalate	86		90		40-140	5		50
Di-n-butylphthalate	74		79		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426109

Report Date: 05/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1919722-2 WG1919722-3								
Di-n-octylphthalate	86		91		40-140	6		50
Diethyl phthalate	72		75		40-140	4		50
Dimethyl phthalate	72		78		40-140	8		50
Benzo(a)anthracene	74		79		40-140	7		50
Benzo(a)pyrene	83		85		40-140	2		50
Benzo(b)fluoranthene	81		87		40-140	7		50
Benzo(k)fluoranthene	78		77		40-140	1		50
Chrysene	75		78		40-140	4		50
Acenaphthylene	72		76		40-140	5		50
Anthracene	74		81		40-140	9		50
Benzo(ghi)perylene	78		82		40-140	5		50
Fluorene	73		76		40-140	4		50
Phenanthrene	73		77		40-140	5		50
Dibenzo(a,h)anthracene	78		82		40-140	5		50
Indeno(1,2,3-cd)pyrene	79		84		40-140	6		50
Pyrene	77		82		35-142	6		50
Biphenyl	70		74		37-127	6		50
4-Chloroaniline	62		67		40-140	8		50
2-Nitroaniline	83		89		47-134	7		50
3-Nitroaniline	67		70		26-129	4		50
4-Nitroaniline	70		76		41-125	8		50
Dibenzofuran	70		73		40-140	4		50
2-Methylnaphthalene	73		77		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426109

Report Date: 05/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1919722-2 WG1919722-3								
1,2,4,5-Tetrachlorobenzene	74		79		40-117	7		50
Acetophenone	69		72		14-144	4		50
2,4,6-Trichlorophenol	81		86		30-130	6		50
p-Chloro-m-cresol	77		83		26-103	8		50
2-Chlorophenol	70		73		25-102	4		50
2,4-Dichlorophenol	75		80		30-130	6		50
2,4-Dimethylphenol	85		94		30-130	10		50
2-Nitrophenol	78		83		30-130	6		50
4-Nitrophenol	88		95		11-114	8		50
2,4-Dinitrophenol	86		87		4-130	1		50
4,6-Dinitro-o-cresol	89		90		10-130	1		50
Pentachlorophenol	77		80		17-109	4		50
Phenol	65		68		26-90	5		50
2-Methylphenol	72		77		30-130.	7		50
3-Methylphenol/4-Methylphenol	75		81		30-130	8		50
2,4,5-Trichlorophenol	81		86		30-130	6		50
Carbazole	75		80		54-128	6		50
Atrazine	76		84		40-140	10		50
Benzaldehyde	61		62		40-140	2		50
Caprolactam	101		107		15-130	6		50
2,3,4,6-Tetrachlorophenol	86		88		40-140	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426109
Report Date: 05/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1919722-2 WG1919722-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		74		25-120
Phenol-d6	69		72		10-120
Nitrobenzene-d5	68		71		23-120
2-Fluorobiphenyl	69		75		30-120
2,4,6-Tribromophenol	80		84		10-136
4-Terphenyl-d14	70		73		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-01
Client ID: TANK 2 B-1 8
Sample Location: BUFFALO, NY
Date Collected: 05/10/24 09:00
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.70		mg/kg	0.902	0.188	2	05/11/24 09:40	05/12/24 16:01	EPA 3050B	1,6010D	TAA
Barium, Total	48.7		mg/kg	0.902	0.157	2	05/11/24 09:40	05/12/24 16:01	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.107	J	mg/kg	0.902	0.088	2	05/11/24 09:40	05/12/24 16:01	EPA 3050B	1,6010D	TAA
Chromium, Total	8.88		mg/kg	0.902	0.087	2	05/11/24 09:40	05/12/24 16:01	EPA 3050B	1,6010D	TAA
Lead, Total	12.1		mg/kg	4.51	0.242	2	05/11/24 09:40	05/12/24 16:01	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.072	0.047	1	05/11/24 10:30	05/11/24 14:26	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.80	0.233	2	05/11/24 09:40	05/12/24 16:01	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.451	0.255	2	05/11/24 09:40	05/12/24 16:01	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-02
Client ID: TANK 2 B-2 10
Sample Location: BUFFALO, NY
Date Collected: 05/10/24 09:05
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.06		mg/kg	0.875	0.182	2	05/11/24 09:40	05/12/24 16:05	EPA 3050B	1,6010D	TAA
Barium, Total	37.4		mg/kg	0.875	0.152	2	05/11/24 09:40	05/12/24 16:05	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.125	J	mg/kg	0.875	0.086	2	05/11/24 09:40	05/12/24 16:05	EPA 3050B	1,6010D	TAA
Chromium, Total	8.03		mg/kg	0.875	0.084	2	05/11/24 09:40	05/12/24 16:05	EPA 3050B	1,6010D	TAA
Lead, Total	11.9		mg/kg	4.37	0.234	2	05/11/24 09:40	05/12/24 16:05	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.072	0.047	1	05/11/24 10:30	05/11/24 14:30	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.75	0.226	2	05/11/24 09:40	05/12/24 16:05	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.437	0.248	2	05/11/24 09:40	05/12/24 16:05	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-03 Date Collected: 05/10/24 09:10

Client ID: TANK 2 B-3 12 Date Received: 05/10/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.41		mg/kg	0.885	0.184	2	05/11/24 09:40	05/12/24 16:09	EPA 3050B	1,6010D	TAA
Barium, Total	9.61		mg/kg	0.885	0.154	2	05/11/24 09:40	05/12/24 16:09	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.243	J	mg/kg	0.885	0.087	2	05/11/24 09:40	05/12/24 16:09	EPA 3050B	1,6010D	TAA
Chromium, Total	3.25		mg/kg	0.885	0.085	2	05/11/24 09:40	05/12/24 16:09	EPA 3050B	1,6010D	TAA
Lead, Total	7.35		mg/kg	4.42	0.237	2	05/11/24 09:40	05/12/24 16:09	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.071	0.046	1	05/11/24 10:30	05/11/24 14:33	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.77	0.228	2	05/11/24 09:40	05/12/24 16:09	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.442	0.250	2	05/11/24 09:40	05/12/24 16:09	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-04
Client ID: TANK 2 NW-1 6-7
Sample Location: BUFFALO, NY
Date Collected: 05/10/24 09:15
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.26		mg/kg	0.891	0.185	2	05/11/24 09:40	05/12/24 16:13	EPA 3050B	1,6010D	TAA
Barium, Total	54.8		mg/kg	0.891	0.155	2	05/11/24 09:40	05/12/24 16:13	EPA 3050B	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.891	0.087	2	05/11/24 09:40	05/12/24 16:13	EPA 3050B	1,6010D	TAA
Chromium, Total	10.8		mg/kg	0.891	0.086	2	05/11/24 09:40	05/12/24 16:13	EPA 3050B	1,6010D	TAA
Lead, Total	12.3		mg/kg	4.46	0.239	2	05/11/24 09:40	05/12/24 16:13	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.072	0.047	1	05/11/24 10:30	05/11/24 14:36	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.78	0.230	2	05/11/24 09:40	05/12/24 16:13	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.446	0.252	2	05/11/24 09:40	05/12/24 16:13	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-05
Client ID: TANK 2 NW-2 7-9
Sample Location: BUFFALO, NY
Date Collected: 05/10/24 09:20
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.92		mg/kg	0.878	0.183	2	05/11/24 09:40	05/12/24 16:16	EPA 3050B	1,6010D	TAA
Barium, Total	38.7		mg/kg	0.878	0.153	2	05/11/24 09:40	05/12/24 16:16	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.126	J	mg/kg	0.878	0.086	2	05/11/24 09:40	05/12/24 16:16	EPA 3050B	1,6010D	TAA
Chromium, Total	8.14		mg/kg	0.878	0.084	2	05/11/24 09:40	05/12/24 16:16	EPA 3050B	1,6010D	TAA
Lead, Total	11.6		mg/kg	4.39	0.235	2	05/11/24 09:40	05/12/24 16:16	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.073	0.047	1	05/11/24 10:30	05/11/24 14:46	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.76	0.227	2	05/11/24 09:40	05/12/24 16:16	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.439	0.248	2	05/11/24 09:40	05/12/24 16:16	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-06
Client ID: TANK 2 NW-3 8-10
Sample Location: BUFFALO, NY
Date Collected: 05/10/24 09:25
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.33		mg/kg	0.894	0.186	2	05/11/24 09:40	05/12/24 16:29	EPA 3050B	1,6010D	TAA
Barium, Total	54.1		mg/kg	0.894	0.156	2	05/11/24 09:40	05/12/24 16:29	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.146	J	mg/kg	0.894	0.088	2	05/11/24 09:40	05/12/24 16:29	EPA 3050B	1,6010D	TAA
Chromium, Total	9.73		mg/kg	0.894	0.086	2	05/11/24 09:40	05/12/24 16:29	EPA 3050B	1,6010D	TAA
Lead, Total	13.5		mg/kg	4.47	0.240	2	05/11/24 09:40	05/12/24 16:29	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.073	0.048	1	05/11/24 10:30	05/11/24 14:49	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.79	0.230	2	05/11/24 09:40	05/12/24 16:29	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.447	0.253	2	05/11/24 09:40	05/12/24 16:29	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-07
Client ID: TANK 2 SW-1 6-7
Sample Location: BUFFALO, NY
Date Collected: 05/10/24 09:30
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.31		mg/kg	0.880	0.183	2	05/11/24 09:40	05/12/24 16:33	EPA 3050B	1,6010D	TAA
Barium, Total	21.6		mg/kg	0.880	0.153	2	05/11/24 09:40	05/12/24 16:33	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.164	J	mg/kg	0.880	0.086	2	05/11/24 09:40	05/12/24 16:33	EPA 3050B	1,6010D	TAA
Chromium, Total	4.95		mg/kg	0.880	0.085	2	05/11/24 09:40	05/12/24 16:33	EPA 3050B	1,6010D	TAA
Lead, Total	10.1		mg/kg	4.40	0.236	2	05/11/24 09:40	05/12/24 16:33	EPA 3050B	1,6010D	TAA
Mercury, Total	0.076		mg/kg	0.073	0.048	1	05/11/24 10:30	05/11/24 14:53	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.76	0.227	2	05/11/24 09:40	05/12/24 16:33	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.440	0.249	2	05/11/24 09:40	05/12/24 16:33	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-08
Client ID: TANK 2 SW-2 7-9
Sample Location: BUFFALO, NY
Date Collected: 05/10/24 09:35
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.78		mg/kg	0.882	0.183	2	05/11/24 09:40	05/12/24 16:37	EPA 3050B	1,6010D	TAA
Barium, Total	38.9		mg/kg	0.882	0.153	2	05/11/24 09:40	05/12/24 16:37	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.125	J	mg/kg	0.882	0.086	2	05/11/24 09:40	05/12/24 16:37	EPA 3050B	1,6010D	TAA
Chromium, Total	8.25		mg/kg	0.882	0.085	2	05/11/24 09:40	05/12/24 16:37	EPA 3050B	1,6010D	TAA
Lead, Total	12.1		mg/kg	4.41	0.236	2	05/11/24 09:40	05/12/24 16:37	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.072	0.047	1	05/11/24 10:30	05/11/24 14:56	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.76	0.228	2	05/11/24 09:40	05/12/24 16:37	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.441	0.250	2	05/11/24 09:40	05/12/24 16:37	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-09
Client ID: TANK 2 SW-3 8-10
Sample Location: BUFFALO, NY
Date Collected: 05/10/24 09:40
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.48		mg/kg	0.884	0.184	2	05/11/24 09:40	05/12/24 16:41	EPA 3050B	1,6010D	TAA
Barium, Total	17.6		mg/kg	0.884	0.154	2	05/11/24 09:40	05/12/24 16:41	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.135	J	mg/kg	0.884	0.087	2	05/11/24 09:40	05/12/24 16:41	EPA 3050B	1,6010D	TAA
Chromium, Total	4.35		mg/kg	0.884	0.085	2	05/11/24 09:40	05/12/24 16:41	EPA 3050B	1,6010D	TAA
Lead, Total	10.5		mg/kg	4.42	0.237	2	05/11/24 09:40	05/12/24 16:41	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.073	0.048	1	05/11/24 10:30	05/11/24 14:59	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.77	0.228	2	05/11/24 09:40	05/12/24 16:41	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.442	0.250	2	05/11/24 09:40	05/12/24 16:41	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-10
Client ID: TANK 2 EW-1 6-7
Sample Location: BUFFALO, NY
Date Collected: 05/10/24 09:45
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.62		mg/kg	0.889	0.185	2	05/11/24 09:40	05/12/24 16:45	EPA 3050B	1,6010D	TAA
Barium, Total	40.4		mg/kg	0.889	0.155	2	05/11/24 09:40	05/12/24 16:45	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.132	J	mg/kg	0.889	0.087	2	05/11/24 09:40	05/12/24 16:45	EPA 3050B	1,6010D	TAA
Chromium, Total	8.96		mg/kg	0.889	0.085	2	05/11/24 09:40	05/12/24 16:45	EPA 3050B	1,6010D	TAA
Lead, Total	12.1		mg/kg	4.45	0.238	2	05/11/24 09:40	05/12/24 16:45	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.073	0.048	1	05/11/24 10:30	05/11/24 15:03	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.78	0.229	2	05/11/24 09:40	05/12/24 16:45	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.445	0.252	2	05/11/24 09:40	05/12/24 16:45	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-11
Client ID: TANK 2 WW-1 8-10
Sample Location: BUFFALO, NY
Date Collected: 05/10/24 09:50
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.68		mg/kg	0.865	0.180	2	05/11/24 09:40	05/12/24 16:49	EPA 3050B	1,6010D	TAA
Barium, Total	32.2		mg/kg	0.865	0.150	2	05/11/24 09:40	05/12/24 16:49	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.143	J	mg/kg	0.865	0.085	2	05/11/24 09:40	05/12/24 16:49	EPA 3050B	1,6010D	TAA
Chromium, Total	8.50		mg/kg	0.865	0.083	2	05/11/24 09:40	05/12/24 16:49	EPA 3050B	1,6010D	TAA
Lead, Total	12.1		mg/kg	4.32	0.232	2	05/11/24 09:40	05/12/24 16:49	EPA 3050B	1,6010D	TAA
Mercury, Total	0.059	J	mg/kg	0.073	0.048	1	05/11/24 10:30	05/11/24 15:06	EPA 7471B	1,7471B	DJR
Selenium, Total	ND		mg/kg	1.73	0.223	2	05/11/24 09:40	05/12/24 16:49	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.432	0.245	2	05/11/24 09:40	05/12/24 16:49	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426109

Project Number: 4461.0001B002 **Report Date:** 05/14/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-11 Batch: WG1919831-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/11/24 09:40	05/12/24 14:51	1,6010D	TAA
Barium, Total	ND		mg/kg	0.400	0.070	1	05/11/24 09:40	05/12/24 14:51	1,6010D	TAA
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/11/24 09:40	05/12/24 14:51	1,6010D	TAA
Chromium, Total	0.040	J	mg/kg	0.400	0.038	1	05/11/24 09:40	05/12/24 14:51	1,6010D	TAA
Lead, Total	ND		mg/kg	2.00	0.107	1	05/11/24 09:40	05/12/24 14:51	1,6010D	TAA
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/11/24 09:40	05/12/24 14:51	1,6010D	TAA
Silver, Total	ND		mg/kg	0.200	0.113	1	05/11/24 09:40	05/12/24 14:51	1,6010D	TAA

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-11 Batch: WG1919833-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/11/24 10:30	05/11/24 13:37	1,7471B	DJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426109

Report Date: 05/14/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 Batch: WG1919831-2								
Arsenic, Total	97		-		80-120	-		
Barium, Total	101		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Chromium, Total	103		-		80-120	-		
Lead, Total	103		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	81		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-11 Batch: WG1919833-2								
Mercury, Total	97		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426109
Report Date: 05/14/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1919831-3 QC Sample: L2425112-01 Client ID: MS Sample												
Arsenic, Total	0.650J	9.56	10.0	104		-	-		75-125	-		20
Barium, Total	17.6	159	155	86		-	-		75-125	-		20
Cadmium, Total	ND	4.22	3.46	82		-	-		75-125	-		20
Chromium, Total	4.84	15.9	17.8	81		-	-		75-125	-		20
Lead, Total	0.944J	42.2	40.1	95		-	-		75-125	-		20
Selenium, Total	ND	9.56	8.60	90		-	-		75-125	-		20
Silver, Total	ND	3.98	3.14	79		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1919833-3 QC Sample: L2425112-01 Client ID: MS Sample												
Mercury, Total	ND	1.31	1.29	98		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426109
Report Date: 05/14/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1919831-4 QC Sample: L2425112-01 Client ID: DUP Sample						
Arsenic, Total	0.650J	0.735J	mg/kg	NC		20
Barium, Total	17.6	18.0	mg/kg	2		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	4.84	4.71	mg/kg	3		20
Lead, Total	0.944J	0.892J	mg/kg	NC		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1919833-4 QC Sample: L2425112-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-01
Client ID: TANK 2 B-1 8
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:00
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	05/11/24 10:07	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-02
Client ID: TANK 2 B-2 10
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:05
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	05/11/24 10:07	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-03
Client ID: TANK 2 B-3 12
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:10
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	05/11/24 10:07	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-04
Client ID: TANK 2 NW-1 6-7
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:15
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	05/11/24 10:07	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-05
Client ID: TANK 2 NW-2 7-9
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:20
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.5		%	0.100	NA	1	-	05/11/24 10:07	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-06
Client ID: TANK 2 NW-3 8-10
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:25
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	05/11/24 10:07	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-07
Client ID: TANK 2 SW-1 6-7
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:30
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	05/11/24 10:07	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-08
Client ID: TANK 2 SW-2 7-9
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:35
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	05/11/24 10:07	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-09
Client ID: TANK 2 SW-3 8-10
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:40
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	05/11/24 10:07	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-10
Client ID: TANK 2 EW-1 6-7
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:45
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	05/11/24 10:07	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426109
Report Date: 05/14/24

SAMPLE RESULTS

Lab ID: L2426109-11
Client ID: TANK 2 WW-1 8-10
Sample Location: BUFFALO, NY

Date Collected: 05/10/24 09:50
Date Received: 05/10/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	05/11/24 10:07	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426109

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Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1919852-1 QC Sample: L2426109-01 Client ID: TANK 2 B-1 8						
Solids, Total	86.5	86.8	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

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Report Date: 05/14/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2426109-01A	Glass 60ml unpreserved split	A	NA		4.7	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2426109-01B	Vial Large Septa unpreserved (4oz)	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-01C	Glass 250ml/8oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L2426109-01X	Vial MeOH preserved split	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-01Y	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-01Z	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-02A	Glass 60ml unpreserved split	A	NA		4.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2426109-02B	Vial Large Septa unpreserved (4oz)	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-02C	Glass 250ml/8oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L2426109-02X	Vial MeOH preserved split	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-02Y	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-02Z	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-03A	Glass 60ml unpreserved split	A	NA		4.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2426109-03B	Vial Large Septa unpreserved (4oz)	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-03C	Glass 250ml/8oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L2426109-03X	Vial MeOH preserved split	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-03Y	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-03Z	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-04A	Glass 60ml unpreserved split	A	NA		4.7	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2426109-04B	Vial Large Septa unpreserved (4oz)	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2426109-04C	Glass 250ml/8oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L2426109-04X	Vial MeOH preserved split	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-04Y	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-04Z	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-05A	Glass 60ml unpreserved split	A	NA		4.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2426109-05B	Vial Large Septa unpreserved (4oz)	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-05C	Glass 250ml/8oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L2426109-05X	Vial MeOH preserved split	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-05Y	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-05Z	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-06A	Glass 60ml unpreserved split	A	NA		4.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2426109-06B	Vial Large Septa unpreserved (4oz)	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-06C	Glass 250ml/8oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L2426109-06X	Vial MeOH preserved split	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-06Y	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-06Z	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-07A	Glass 60ml unpreserved split	A	NA		4.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2426109-07B	Vial Large Septa unpreserved (4oz)	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-07C	Glass 250ml/8oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L2426109-07X	Vial MeOH preserved split	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-07Y	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-07Z	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-08A	Glass 60ml unpreserved split	A	NA		4.7	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2426109-08B	Vial Large Septa unpreserved (4oz)	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-08C	Glass 250ml/8oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426109
Report Date: 05/14/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2426109-08X	Vial MeOH preserved split	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-08Y	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-08Z	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-09A	Vial Large Septa unpreserved (4oz)	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-09B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2426109-09C	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L2426109-09X	Vial MeOH preserved split	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-09Y	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-09Z	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-10A	Glass 60ml unpreserved split	A	NA		4.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2426109-10B	Vial Large Septa unpreserved (4oz)	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-10C	Glass 250ml/8oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L2426109-10X	Vial MeOH preserved split	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-10Y	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-10Z	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-11A	Glass 60ml unpreserved split	A	NA		4.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2426109-11B	Vial Large Septa unpreserved (4oz)	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-11C	Glass 250ml/8oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L2426109-11X	Vial MeOH preserved split	A	NA		4.7	Y	Absent		NYTCL-8260-R2(14)
L2426109-11Y	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)
L2426109-11Z	Vial Water preserved split	A	NA		4.7	Y	Absent	11-MAY-24 07:49	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

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GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 5/11/24

ALPHA Job #: L2426109

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: amunley@rouxinc.com

Project Information

Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project # 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☒ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL + CP-51 VOCs	TCL SVOCs	RCRA Metals	Total Bottle
26109-01	Tank 2 B-1 8	5-10-24	900	Soil	CEH	X	X	X	
02	Tank 2 B-2 10		905			X	X	X	
03	Tank 2 B-3 12		910			X	X	X	
04	Tank 2 NW-1 6-7		915			X	X	X	
05	Tank 2 NW-2 7-9		920			X	X	X	
06	Tank 2 NW-3 8-10		925			X	X	X	
07	Tank 2 SW-1 6-7		930			X	X	X	
08	Tank 2 SW-2 7-9		935			X	X	X	
09	Tank 2 SW-3 8-10		940			X	X	X	
10	Tank 2 EW-1 6-7		945			X	X	X	

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Chasta Hochreiter	5-10-24/1600	AAL	5/10/24 16:00
AAL	5/10/24 16:00		5/11/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 5/11/24

ALPHA Job #: L2426109

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project # 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☒ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL + CP-51 VOCs	TCL SVOCs	RCRA Metals	Total Bottle	Sample Specific Comments
26109-11	Tank 2 WW-1 8-10	5-10-24	0950	Soil	CEH	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Chantae Hardraite	5-10-24/1600	AAL	5/10/24 16:00
AAL	5/10/24 16:00		5/11/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2426938
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	05/17/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426938
Report Date: 05/17/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2426938-01	TSB B-1 4	SOIL	BUFFALO, NY	05/15/24 12:30	05/15/24
L2426938-02	TSB B-2 4	SOIL	BUFFALO, NY	05/15/24 12:40	05/15/24
L2426938-03	TSB B-3 4	SOIL	BUFFALO, NY	05/15/24 12:50	05/15/24
L2426938-04	TSB B-4 4	SOIL	BUFFALO, NY	05/15/24 13:00	05/15/24
L2426938-05	TSB B-5 4	SOIL	BUFFALO, NY	05/15/24 13:10	05/15/24
L2426938-06	TSB B-6 4	SOIL	BUFFALO, NY	05/15/24 13:20	05/15/24
L2426938-07	TSB B-7 4	SOIL	BUFFALO, NY	05/15/24 13:30	05/15/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2426938
Project Number:	4461.0001B002	**Report Date:**	05/17/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2426938
Project Number:	4461.0001B002	**Report Date:**	05/17/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2426938-01 through -07: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 05/17/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426938
Report Date: 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-01
Client ID: TSB B-1 4
Sample Location: BUFFALO, NY

Date Collected: 05/15/24 12:30
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/16/24 14:52
Analyst: MRG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/16/24 03:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426938

Project Number: 4461.0001B002 **Report Date:** 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-01 Date Collected: 05/15/24 12:30

Client ID: TSB B-1 4 Date Received: 05/15/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426938

Project Number: 4461.0001B002 **Report Date:** 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-01 Date Collected: 05/15/24 12:30

Client ID: TSB B-1 4 Date Received: 05/15/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	99		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426938
Report Date: 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-02
Client ID: TSB B-2 4
Sample Location: BUFFALO, NY

Date Collected: 05/15/24 12:40
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/16/24 15:16
Analyst: MRG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/16/24 03:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426938

Project Number: 4461.0001B002 **Report Date:** 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-02 Date Collected: 05/15/24 12:40

Client ID: TSB B-2 4 Date Received: 05/15/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426938

Project Number: 4461.0001B002 **Report Date:** 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-02 Date Collected: 05/15/24 12:40

Client ID: TSB B-2 4 Date Received: 05/15/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	89		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426938
Report Date: 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-03
Client ID: TSB B-3 4
Sample Location: BUFFALO, NY

Date Collected: 05/15/24 12:50
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/16/24 15:39
Analyst: MRG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/16/24 03:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426938

Project Number: 4461.0001B002 **Report Date:** 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-03 Date Collected: 05/15/24 12:50

Client ID: TSB B-3 4 Date Received: 05/15/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426938

Project Number: 4461.0001B002 **Report Date:** 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-03 Date Collected: 05/15/24 12:50

Client ID: TSB B-3 4 Date Received: 05/15/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	95		18-120

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426938

Project Number: 4461.0001B002 **Report Date:** 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-04
Client ID: TSB B-4 4
Sample Location: BUFFALO, NY

Date Collected: 05/15/24 13:00
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/16/24 19:56
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/16/24 03:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426938

Project Number: 4461.0001B002 **Report Date:** 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-04 Date Collected: 05/15/24 13:00

Client ID: TSB B-4 4 Date Received: 05/15/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426938

Project Number: 4461.0001B002 **Report Date:** 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-04 Date Collected: 05/15/24 13:00

Client ID: TSB B-4 4 Date Received: 05/15/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	50		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	61		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426938
Report Date: 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-05
Client ID: TSB B-5 4
Sample Location: BUFFALO, NY

Date Collected: 05/15/24 13:10
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/16/24 16:27
Analyst: MRG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/16/24 03:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	22	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426938

Project Number: 4461.0001B002 **Report Date:** 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-05 Date Collected: 05/15/24 13:10

Client ID: TSB B-5 4 Date Received: 05/15/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426938

Project Number: 4461.0001B002 **Report Date:** 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-05 Date Collected: 05/15/24 13:10

Client ID: TSB B-5 4 Date Received: 05/15/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	93		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426938
Report Date: 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-06
Client ID: TSB B-6 4
Sample Location: BUFFALO, NY

Date Collected: 05/15/24 13:20
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/16/24 16:51
Analyst: MRG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/16/24 03:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426938

Project Number: 4461.0001B002 **Report Date:** 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-06 Date Collected: 05/15/24 13:20

Client ID: TSB B-6 4 Date Received: 05/15/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426938

Project Number: 4461.0001B002 **Report Date:** 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-06 Date Collected: 05/15/24 13:20

Client ID: TSB B-6 4 Date Received: 05/15/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	99		25-120
Phenol-d6	100		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	117		10-136
4-Terphenyl-d14	104		18-120

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426938

Project Number: 4461.0001B002 **Report Date:** 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-07
Client ID: TSB B-7 4
Sample Location: BUFFALO, NY

Date Collected: 05/15/24 13:30
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/16/24 17:15
Analyst: MRG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/16/24 03:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426938

Project Number: 4461.0001B002 **Report Date:** 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-07 Date Collected: 05/15/24 13:30

Client ID: TSB B-7 4 Date Received: 05/15/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426938

Project Number: 4461.0001B002 **Report Date:** 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-07 Date Collected: 05/15/24 13:30

Client ID: TSB B-7 4 Date Received: 05/15/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	82		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426938
Report Date: 05/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/16/24 08:37
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/16/24 03:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1921735-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	25.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	57.
Diethyl phthalate	ND		ug/kg	170	15.
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	41.
Benzo(b)fluoranthene	ND		ug/kg	100	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426938
Report Date: 05/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/16/24 08:37
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/16/24 03:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1921735-1					
Benzo(k)fluoranthene	ND		ug/kg	100	27.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	21.
2,4,6-Trichlorophenol	ND		ug/kg	100	32.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	63.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	78.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	37.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426938
Report Date: 05/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/16/24 08:37
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/16/24 03:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1921735-1					
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Carbazole	ND		ug/kg	170	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	170	51.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	93		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426938

Report Date: 05/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1921735-2 WG1921735-3								
Acenaphthene	88		78		31-137	12		50
Hexachlorobenzene	98		87		40-140	12		50
Bis(2-chloroethyl)ether	83		74		40-140	11		50
2-Chloronaphthalene	83		76		40-140	9		50
3,3'-Dichlorobenzidine	76		66		40-140	14		50
2,4-Dinitrotoluene	88		79		40-132	11		50
2,6-Dinitrotoluene	102		95		40-140	7		50
Fluoranthene	96		88		40-140	9		50
4-Chlorophenyl phenyl ether	94		85		40-140	10		50
4-Bromophenyl phenyl ether	99		90		40-140	10		50
Bis(2-chloroisopropyl)ether	82		75		40-140	9		50
Bis(2-chloroethoxy)methane	82		75		40-117	9		50
Hexachlorobutadiene	95		85		40-140	11		50
Hexachlorocyclopentadiene	115		106		40-140	8		50
Hexachloroethane	81		74		40-140	9		50
Isophorone	86		80		40-140	7		50
Naphthalene	83		75		40-140	10		50
Nitrobenzene	91		82		40-140	10		50
NDPA/DPA	87		79		36-157	10		50
n-Nitrosodi-n-propylamine	86		78		32-121	10		50
Bis(2-ethylhexyl)phthalate	77		68		40-140	12		50
Butyl benzyl phthalate	94		85		40-140	10		50
Di-n-butylphthalate	96		86		40-140	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426938

Report Date: 05/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1921735-2 WG1921735-3								
Di-n-octylphthalate	80		72		40-140	11		50
Diethyl phthalate	86		78		40-140	10		50
Dimethyl phthalate	87		80		40-140	8		50
Benzo(a)anthracene	92		83		40-140	10		50
Benzo(a)pyrene	97		88		40-140	10		50
Benzo(b)fluoranthene	98		87		40-140	12		50
Benzo(k)fluoranthene	88		80		40-140	10		50
Chrysene	89		78		40-140	13		50
Acenaphthylene	85		78		40-140	9		50
Anthracene	89		80		40-140	11		50
Benzo(ghi)perylene	91		81		40-140	12		50
Fluorene	86		78		40-140	10		50
Phenanthrene	84		75		40-140	11		50
Dibenzo(a,h)anthracene	94		84		40-140	11		50
Indeno(1,2,3-cd)pyrene	98		86		40-140	13		50
Pyrene	95		86		35-142	10		50
Biphenyl	82		74		37-127	10		50
4-Chloroaniline	71		64		40-140	10		50
2-Nitroaniline	100		92		47-134	8		50
3-Nitroaniline	77		70		26-129	10		50
4-Nitroaniline	92		83		41-125	10		50
Dibenzofuran	83		75		40-140	10		50
2-Methylnaphthalene	83		76		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426938

Report Date: 05/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1921735-2 WG1921735-3								
1,2,4,5-Tetrachlorobenzene	95		85		40-117	11		50
Acetophenone	86		77		14-144	11		50
2,4,6-Trichlorophenol	103		95		30-130	8		50
p-Chloro-m-cresol	96		88		26-103	9		50
2-Chlorophenol	93		82		25-102	13		50
2,4-Dichlorophenol	92		83		30-130	10		50
2,4-Dimethylphenol	114		103		30-130	10		50
2-Nitrophenol	108		99		30-130	9		50
4-Nitrophenol	108		101		11-114	7		50
2,4-Dinitrophenol	98		89		4-130	10		50
4,6-Dinitro-o-cresol	110		102		10-130	8		50
Pentachlorophenol	90		82		17-109	9		50
Phenol	84		76		26-90	10		50
2-Methylphenol	92		82		30-130.	11		50
3-Methylphenol/4-Methylphenol	97		88		30-130	10		50
2,4,5-Trichlorophenol	98		93		30-130	5		50
Carbazole	86		78		54-128	10		50
Atrazine	100		92		40-140	8		50
Benzaldehyde	76		68		40-140	11		50
Caprolactam	107		102		15-130	5		50
2,3,4,6-Tetrachlorophenol	103		95		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426938

Report Date: 05/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1921735-2 WG1921735-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	91		78		25-120
Phenol-d6	90		78		10-120
Nitrobenzene-d5	94		80		23-120
2-Fluorobiphenyl	85		74		30-120
2,4,6-Tribromophenol	104		90		10-136
4-Terphenyl-d14	100		89		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426938
Report Date: 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-01
Client ID: TSB B-1 4
Sample Location: BUFFALO, NY
Date Collected: 05/15/24 12:30
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.58		mg/kg	0.899	0.187	2	05/16/24 08:10	05/16/24 12:46	EPA 3050B	1,6010D	DHL
Barium, Total	81.3		mg/kg	0.899	0.156	2	05/16/24 08:10	05/16/24 12:46	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.125	J	mg/kg	0.899	0.088	2	05/16/24 08:10	05/16/24 12:46	EPA 3050B	1,6010D	DHL
Chromium, Total	14.8		mg/kg	0.899	0.086	2	05/16/24 08:10	05/16/24 12:46	EPA 3050B	1,6010D	DHL
Lead, Total	14.8		mg/kg	4.50	0.241	2	05/16/24 08:10	05/16/24 12:46	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.073	0.048	1	05/16/24 09:00	05/16/24 10:24	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.80	0.232	2	05/16/24 08:10	05/16/24 12:46	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.450	0.254	2	05/16/24 08:10	05/16/24 12:46	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426938
Report Date: 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-02
Client ID: TSB B-2 4
Sample Location: BUFFALO, NY
Date Collected: 05/15/24 12:40
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.18		mg/kg	0.916	0.190	2	05/16/24 08:10	05/16/24 13:26	EPA 3050B	1,6010D	DHL
Barium, Total	126		mg/kg	0.916	0.159	2	05/16/24 08:10	05/16/24 13:26	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.104	J	mg/kg	0.916	0.090	2	05/16/24 08:10	05/16/24 13:26	EPA 3050B	1,6010D	DHL
Chromium, Total	14.2		mg/kg	0.916	0.088	2	05/16/24 08:10	05/16/24 13:26	EPA 3050B	1,6010D	DHL
Lead, Total	15.2		mg/kg	4.58	0.245	2	05/16/24 08:10	05/16/24 13:26	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.074	0.048	1	05/16/24 09:00	05/16/24 10:27	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.83	0.236	2	05/16/24 08:10	05/16/24 13:26	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.458	0.259	2	05/16/24 08:10	05/16/24 13:26	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426938
Report Date: 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-03
Client ID: TSB B-3 4
Sample Location: BUFFALO, NY
Date Collected: 05/15/24 12:50
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.13		mg/kg	0.919	0.191	2	05/16/24 08:10	05/16/24 13:30	EPA 3050B	1,6010D	DHL
Barium, Total	99.4		mg/kg	0.919	0.160	2	05/16/24 08:10	05/16/24 13:30	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.099	J	mg/kg	0.919	0.090	2	05/16/24 08:10	05/16/24 13:30	EPA 3050B	1,6010D	DHL
Chromium, Total	13.0		mg/kg	0.919	0.088	2	05/16/24 08:10	05/16/24 13:30	EPA 3050B	1,6010D	DHL
Lead, Total	14.2		mg/kg	4.60	0.246	2	05/16/24 08:10	05/16/24 13:30	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.074	0.048	1	05/16/24 09:00	05/16/24 10:31	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.84	0.237	2	05/16/24 08:10	05/16/24 13:30	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.460	0.260	2	05/16/24 08:10	05/16/24 13:30	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426938
Report Date: 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-04
Client ID: TSB B-4 4
Sample Location: BUFFALO, NY
Date Collected: 05/15/24 13:00
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.65		mg/kg	0.904	0.188	2	05/16/24 08:10	05/16/24 13:34	EPA 3050B	1,6010D	DHL
Barium, Total	84.2		mg/kg	0.904	0.157	2	05/16/24 08:10	05/16/24 13:34	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.100	J	mg/kg	0.904	0.089	2	05/16/24 08:10	05/16/24 13:34	EPA 3050B	1,6010D	DHL
Chromium, Total	13.3		mg/kg	0.904	0.087	2	05/16/24 08:10	05/16/24 13:34	EPA 3050B	1,6010D	DHL
Lead, Total	14.5		mg/kg	4.52	0.242	2	05/16/24 08:10	05/16/24 13:34	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.075	0.049	1	05/16/24 09:00	05/16/24 10:40	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.81	0.233	2	05/16/24 08:10	05/16/24 13:34	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.452	0.256	2	05/16/24 08:10	05/16/24 13:34	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426938
Report Date: 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-05
Client ID: TSB B-5 4
Sample Location: BUFFALO, NY
Date Collected: 05/15/24 13:10
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.89		mg/kg	0.895	0.186	2	05/16/24 08:10	05/16/24 13:37	EPA 3050B	1,6010D	DHL
Barium, Total	58.4		mg/kg	0.895	0.156	2	05/16/24 08:10	05/16/24 13:37	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.096	J	mg/kg	0.895	0.088	2	05/16/24 08:10	05/16/24 13:37	EPA 3050B	1,6010D	DHL
Chromium, Total	13.4		mg/kg	0.895	0.086	2	05/16/24 08:10	05/16/24 13:37	EPA 3050B	1,6010D	DHL
Lead, Total	15.4		mg/kg	4.47	0.240	2	05/16/24 08:10	05/16/24 13:37	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.075	0.049	1	05/16/24 09:00	05/16/24 10:44	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.79	0.231	2	05/16/24 08:10	05/16/24 13:37	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.447	0.253	2	05/16/24 08:10	05/16/24 13:37	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426938
Report Date: 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-06
Client ID: TSB B-6 4
Sample Location: BUFFALO, NY
Date Collected: 05/15/24 13:20
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.37		mg/kg	0.907	0.189	2	05/16/24 08:10	05/16/24 13:40	EPA 3050B	1,6010D	DHL
Barium, Total	71.4		mg/kg	0.907	0.158	2	05/16/24 08:10	05/16/24 13:40	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.110	J	mg/kg	0.907	0.089	2	05/16/24 08:10	05/16/24 13:40	EPA 3050B	1,6010D	DHL
Chromium, Total	13.0		mg/kg	0.907	0.087	2	05/16/24 08:10	05/16/24 13:40	EPA 3050B	1,6010D	DHL
Lead, Total	14.8		mg/kg	4.54	0.243	2	05/16/24 08:10	05/16/24 13:40	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.074	0.048	1	05/16/24 09:00	05/16/24 10:47	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.81	0.234	2	05/16/24 08:10	05/16/24 13:40	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.454	0.257	2	05/16/24 08:10	05/16/24 13:40	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426938
Report Date: 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-07
Client ID: TSB B-7 4
Sample Location: BUFFALO, NY
Date Collected: 05/15/24 13:30
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.76		mg/kg	0.908	0.189	2	05/16/24 08:10	05/16/24 13:44	EPA 3050B	1,6010D	DHL
Barium, Total	74.6		mg/kg	0.908	0.158	2	05/16/24 08:10	05/16/24 13:44	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.104	J	mg/kg	0.908	0.089	2	05/16/24 08:10	05/16/24 13:44	EPA 3050B	1,6010D	DHL
Chromium, Total	13.8		mg/kg	0.908	0.087	2	05/16/24 08:10	05/16/24 13:44	EPA 3050B	1,6010D	DHL
Lead, Total	14.4		mg/kg	4.54	0.243	2	05/16/24 08:10	05/16/24 13:44	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.074	0.048	1	05/16/24 09:00	05/16/24 10:50	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.82	0.234	2	05/16/24 08:10	05/16/24 13:44	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.454	0.257	2	05/16/24 08:10	05/16/24 13:44	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2426938

Project Number: 4461.0001B002 **Report Date:** 05/17/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07 Batch: WG1921757-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/16/24 08:10	05/16/24 11:25	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	05/16/24 08:10	05/16/24 11:25	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/16/24 08:10	05/16/24 11:25	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	05/16/24 08:10	05/16/24 11:25	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	05/16/24 08:10	05/16/24 11:25	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/16/24 08:10	05/16/24 11:25	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	05/16/24 08:10	05/16/24 11:25	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07 Batch: WG1921758-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/16/24 09:00	05/16/24 10:07	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426938

Report Date: 05/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1921757-2								
Arsenic, Total	96		-		80-120	-		
Barium, Total	96		-		80-120	-		
Cadmium, Total	97		-		80-120	-		
Chromium, Total	99		-		80-120	-		
Lead, Total	98		-		80-120	-		
Selenium, Total	95		-		80-120	-		
Silver, Total	100		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1921758-2								
Mercury, Total	105		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426938
Report Date: 05/17/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1921757-3 QC Sample: L2426927-01 Client ID: MS Sample												
Arsenic, Total	4.57	10.3	14.1	92		-	-		75-125	-		20
Barium, Total	1990	172	1380	**0**	Q	-	-		75-125	-		20
Cadmium, Total	1.01	4.57	4.79	83		-	-		75-125	-		20
Chromium, Total	23.8	17.2	35.7	**69**	Q	-	-		75-125	-		20
Lead, Total	182	45.7	188	**13**	Q	-	-		75-125	-		20
Selenium, Total	ND	10.3	10.1	98		-	-		75-125	-		20
Silver, Total	ND	4.31	4.27	99		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1921758-3 QC Sample: L2426927-01 Client ID: MS Sample												
Mercury, Total	0.154	1.44	1.68	106		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426938
Report Date: 05/17/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1921757-4 QC Sample: L2426927-01 Client ID: DUP Sample						
Arsenic, Total	4.57	4.73	mg/kg	3		20
Barium, Total	1990	1650	mg/kg	19		20
Cadmium, Total	1.01	0.862J	mg/kg	NC		20
Chromium, Total	23.8	25.1	mg/kg	5		20
Lead, Total	182	160	mg/kg	13		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1921758-4 QC Sample: L2426927-01 Client ID: DUP Sample						
Mercury, Total	0.154	0.120	mg/kg	**25**	Q	20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2426938
Report Date: 05/17/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1921757-6 QC Sample: L2426927-01 Client ID: DUP Sample						
Barium, Total	1990	2130	mg/kg	7		20
Chromium, Total	23.8	24.4	mg/kg	3		20
Lead, Total	182	185	mg/kg	2		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426938
Report Date: 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-01
Client ID: TSB B-1 4
Sample Location: BUFFALO, NY

Date Collected: 05/15/24 12:30
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	05/16/24 06:02	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426938
Report Date: 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-02
Client ID: TSB B-2 4
Sample Location: BUFFALO, NY

Date Collected: 05/15/24 12:40
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	05/16/24 06:02	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426938
Report Date: 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-03
Client ID: TSB B-3 4
Sample Location: BUFFALO, NY

Date Collected: 05/15/24 12:50
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	05/16/24 06:02	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426938
Report Date: 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-04
Client ID: TSB B-4 4
Sample Location: BUFFALO, NY

Date Collected: 05/15/24 13:00
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	05/16/24 06:02	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2426938
Report Date: 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-05
Client ID: TSB B-5 4
Sample Location: BUFFALO, NY
Date Collected: 05/15/24 13:10
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	05/16/24 06:02	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426938
Report Date: 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-06
Client ID: TSB B-6 4
Sample Location: BUFFALO, NY

Date Collected: 05/15/24 13:20
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	05/16/24 06:02	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426938
Report Date: 05/17/24

SAMPLE RESULTS

Lab ID: L2426938-07
Client ID: TSB B-7 4
Sample Location: BUFFALO, NY

Date Collected: 05/15/24 13:30
Date Received: 05/15/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	05/16/24 06:02	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2426938

Report Date: 05/17/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1921765-1 QC Sample: L2426938-01 Client ID: TSB B-1 4						
Solids, Total	85.8	85.8	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426938
Report Date: 05/17/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2426938-01A	Glass 60ml unpreserved split	A	NA		3.8	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2426938-01B	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2426938-02A	Glass 60ml unpreserved split	A	NA		3.8	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2426938-02B	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2426938-03A	Glass 60ml unpreserved split	A	NA		3.8	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2426938-03B	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2426938-04A	Glass 60ml unpreserved split	A	NA		3.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2426938-04B	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2426938-05A	Glass 60ml unpreserved split	A	NA		3.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2426938-05B	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2426938-06A	Glass 60ml unpreserved split	A	NA		3.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2426938-06B	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2426938-07A	Glass 60ml unpreserved split	A	NA		3.8	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2426938-07B	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2426938
Project Number:	4461.0001B002	**Report Date:**	05/17/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2426938
Project Number:	4461.0001B002	**Report Date:**	05/17/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2426938
Project Number:	4461.0001B002	**Report Date:**	05/17/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2426938
Project Number:	4461.0001B002	**Report Date:**	05/17/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 5/16/24

ALPHA Job #: L2426938

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information
Project Name: 681 - 689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	Total Bottle	Sample Specific Comments
26938-01	TSB B-1 4	5-15-24	1230	Soil	CEH	X	X		
02	TSB B-2 4		1240			X	X		
03	TSB B-3 4		1250			X	X		
04	TSB B-4 4		1300			X	X		
05	TSB B-5 4		1310			X	X		
06	TSB B-6 4		1320			X	X		
07	TSB B-7 4		1330			X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Keith Hardcastle	5-15-24/1540	C. Quigley	5-15-24 1540
C. Quigley	5-15-24 1544		5/16/24 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2427314
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	05/23/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427314
Report Date: 05/23/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2427314-01	T4 B-1 8	SOIL	BUFFALO, NY	05/16/24 08:30	05/16/24
L2427314-02	T4 B-2 8	SOIL	BUFFALO, NY	05/16/24 08:35	05/16/24
L2427314-03	T4 NW-1 6-8	SOIL	BUFFALO, NY	05/16/24 08:40	05/16/24
L2427314-04	T4 NW-2 6-8	SOIL	BUFFALO, NY	05/16/24 08:45	05/16/24
L2427314-05	T4 SW-1 6-8	SOIL	BUFFALO, NY	05/16/24 08:50	05/16/24
L2427314-06	T4 SW-2 6-8	SOIL	BUFFALO, NY	05/16/24 08:55	05/16/24
L2427314-07	T4 EW-1 6-8	SOIL	BUFFALO, NY	05/16/24 09:00	05/16/24
L2427314-08	T4 EW-2 6-8	SOIL	BUFFALO, NY	05/16/24 09:05	05/16/24
L2427314-09	T4 WW-1 6-8	SOIL	BUFFALO, NY	05/16/24 09:10	05/16/24
L2427314-10	T4 WW-2 6- 8	SOIL	BUFFALO, NY	05/16/24 09:15	05/16/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427314
Project Number:	4461.0001B002	**Report Date:**	05/23/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427314
Project Number:	4461.0001B002	**Report Date:**	05/23/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2427314-01 through -10: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

The WG1924925-5 Method Blank, associated with L2427314-03, has a concentration above the reporting limit for bromomethane. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

Total Metals

L2427314-01 through -10: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 05/23/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-01
Client ID: T4 B-1 8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:30
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/19/24 17:51
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.13	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-01 Date Collected: 05/16/24 08:30

Client ID: T4 B-1 8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	12		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.2	1
2-Butanone	ND		ug/kg	9.4	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
Methyl Acetate	ND		ug/kg	3.7	0.89	1
Cyclohexane	ND		ug/kg	9.4	0.51	1
1,4-Dioxane	ND		ug/kg	75	33.	1
Freon-113	ND		ug/kg	3.7	0.65	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-02
Client ID: T4 B-2 8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:35
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/19/24 18:30
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	0.29	J	ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	0.23	J	ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.14	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-02 Date Collected: 05/16/24 08:35

Client ID: T4 B-2 8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	0.78	J	ug/kg	0.96	0.17	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.88	1
Acetone	8.3	J	ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.4	1
2-Butanone	ND		ug/kg	9.6	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	ND		ug/kg	0.96	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.96	0.10	1
n-Propylbenzene	ND		ug/kg	0.96	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
Methyl Acetate	ND		ug/kg	3.8	0.91	1
Cyclohexane	ND		ug/kg	9.6	0.52	1
1,4-Dioxane	ND		ug/kg	77	34.	1
Freon-113	ND		ug/kg	3.8	0.66	1
Methyl cyclohexane	ND		ug/kg	3.8	0.58	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	104		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-03
Client ID: T4 NW-1 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:40
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/23/24 07:15
Analyst: JIC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-03 Date Collected: 05/16/24 08:40

Client ID: T4 NW-1 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	0.42	J	ug/kg	2.1	0.34	1
Methyl Acetate	ND		ug/kg	4.1	0.98	1
Cyclohexane	ND		ug/kg	10	0.56	1
1,4-Dioxane	ND		ug/kg	83	36.	1
Freon-113	ND		ug/kg	4.1	0.72	1
Methyl cyclohexane	ND		ug/kg	4.1	0.62	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-04
Client ID: T4 NW-2 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:45
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/19/24 19:09
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	0.21	J	ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	0.58		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-04 Date Collected: 05/16/24 08:45

Client ID: T4 NW-2 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	12		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
Methyl Acetate	ND		ug/kg	4.5	1.1	1
Cyclohexane	ND		ug/kg	11	0.61	1
1,4-Dioxane	ND		ug/kg	90	39.	1
Freon-113	ND		ug/kg	4.5	0.78	1
Methyl cyclohexane	ND		ug/kg	4.5	0.68	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-05
Client ID: T4 SW-1 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:50
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/19/24 19:47
Analyst: AJK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-05 Date Collected: 05/16/24 08:50

Client ID: T4 SW-1 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	6.4	J	ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	88	38.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-06
Client ID: T4 SW-2 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:55
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/19/24 20:26
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-06 Date Collected: 05/16/24 08:55

Client ID: T4 SW-2 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	8.7	J	ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
Methyl Acetate	ND		ug/kg	4.0	0.96	1
Cyclohexane	ND		ug/kg	10	0.55	1
1,4-Dioxane	ND		ug/kg	81	36.	1
Freon-113	ND		ug/kg	4.0	0.70	1
Methyl cyclohexane	ND		ug/kg	4.0	0.61	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-07
Client ID: T4 EW-1 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 09:00
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/19/24 21:05
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.0	1
1,1-Dichloroethane	0.25	J	ug/kg	0.89	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.89	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.89	0.11	1
Dibromochloromethane	ND		ug/kg	0.89	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.89	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.62	1
1,2-Dichloroethane	ND		ug/kg	0.89	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.89	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.89	0.48	1
Ethylbenzene	ND		ug/kg	0.89	0.12	1
Chloromethane	ND		ug/kg	3.6	0.83	1
Bromomethane	ND		ug/kg	1.8	0.52	1
Vinyl chloride	ND		ug/kg	0.89	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.89	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-07 Date Collected: 05/16/24 09:00

Client ID: T4 EW-1 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.50	1
o-Xylene	ND		ug/kg	0.89	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.89	0.16	1
Styrene	ND		ug/kg	0.89	0.18	1
Dichlorodifluoromethane	ND		ug/kg	8.9	0.82	1
Acetone	7.0	J	ug/kg	8.9	4.3	1
Carbon disulfide	ND		ug/kg	8.9	4.1	1
2-Butanone	ND		ug/kg	8.9	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	8.9	1.1	1
2-Hexanone	ND		ug/kg	8.9	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.89	0.25	1
n-Butylbenzene	ND		ug/kg	0.89	0.15	1
sec-Butylbenzene	ND		ug/kg	0.89	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.89	1
Isopropylbenzene	ND		ug/kg	0.89	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.89	0.10	1
n-Propylbenzene	ND		ug/kg	0.89	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
Methyl Acetate	ND		ug/kg	3.6	0.85	1
Cyclohexane	ND		ug/kg	8.9	0.49	1
1,4-Dioxane	ND		ug/kg	71	31.	1
Freon-113	ND		ug/kg	3.6	0.62	1
Methyl cyclohexane	ND		ug/kg	3.6	0.54	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-08
Client ID: T4 EW-2 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 09:05
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/20/24 12:46
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-08 Date Collected: 05/16/24 09:05

Client ID: T4 EW-2 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	88	39.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-09
Client ID: T4 WW-1 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 09:10
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/20/24 13:12
Analyst: JIC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	0.41	J	ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-09 Date Collected: 05/16/24 09:10

Client ID: T4 WW-1 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
Methyl Acetate	ND		ug/kg	4.0	0.96	1
Cyclohexane	ND		ug/kg	10	0.55	1
1,4-Dioxane	ND		ug/kg	81	36.	1
Freon-113	ND		ug/kg	4.0	0.70	1
Methyl cyclohexane	ND		ug/kg	4.0	0.61	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	103		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-10
Client ID: T4 WW-2 6- 8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 09:15
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/20/24 13:38
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.85	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.85	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.85	0.10	1
Dibromochloromethane	ND		ug/kg	0.85	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.85	0.23	1
Tetrachloroethene	0.51		ug/kg	0.42	0.17	1
Chlorobenzene	ND		ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.59	1
1,2-Dichloroethane	ND		ug/kg	0.85	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.85	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.85	0.46	1
Ethylbenzene	ND		ug/kg	0.85	0.12	1
Chloromethane	ND		ug/kg	3.4	0.79	1
Bromomethane	ND		ug/kg	1.7	0.49	1
Vinyl chloride	ND		ug/kg	0.85	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.85	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.42	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-10 Date Collected: 05/16/24 09:15

Client ID: T4 WW-2 6- 8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.47	1
o-Xylene	ND		ug/kg	0.85	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.85	0.15	1
Styrene	ND		ug/kg	0.85	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.5	0.78	1
Acetone	ND		ug/kg	8.5	4.1	1
Carbon disulfide	ND		ug/kg	8.5	3.8	1
2-Butanone	ND		ug/kg	8.5	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.5	1.1	1
2-Hexanone	ND		ug/kg	8.5	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.85	0.24	1
n-Butylbenzene	ND		ug/kg	0.85	0.14	1
sec-Butylbenzene	ND		ug/kg	0.85	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.84	1
Isopropylbenzene	ND		ug/kg	0.85	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.85	0.09	1
n-Propylbenzene	ND		ug/kg	0.85	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.28	1
Methyl Acetate	ND		ug/kg	3.4	0.80	1
Cyclohexane	ND		ug/kg	8.5	0.46	1
1,4-Dioxane	ND		ug/kg	68	30.	1
Freon-113	ND		ug/kg	3.4	0.59	1
Methyl cyclohexane	ND		ug/kg	3.4	0.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	103		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/19/24 16:34
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-07 Batch: WG1923830-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/19/24 16:34
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-07 Batch: WG1923830-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/19/24 16:34
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-07 Batch: WG1923830-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/20/24 10:10
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-10 Batch: WG1923965-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/20/24 10:10
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-10 Batch: WG1923965-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	0.70	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/20/24 10:10
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-10 Batch: WG1923965-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/22/24 23:07
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG1924925-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	2.1		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/22/24 23:07
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG1924925-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	0.29	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/22/24 23:07
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG1924925-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427314

Report Date: 05/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-07 Batch: WG1923830-3 WG1923830-4								
Methylene chloride	104		101		70-130	3		30
1,1-Dichloroethane	113		112		70-130	1		30
Chloroform	110		108		70-130	2		30
Carbon tetrachloride	105		107		70-130	2		30
1,2-Dichloropropane	113		113		70-130	0		30
Dibromochloromethane	101		102		70-130	1		30
1,1,2-Trichloroethane	105		102		70-130	3		30
Tetrachloroethene	100		99		70-130	1		30
Chlorobenzene	106		104		70-130	2		30
Trichlorofluoromethane	118		117		70-139	1		30
1,2-Dichloroethane	110		108		70-130	2		30
1,1,1-Trichloroethane	107		108		70-130	1		30
Bromodichloromethane	108		110		70-130	2		30
trans-1,3-Dichloropropene	106		104		70-130	2		30
cis-1,3-Dichloropropene	110		110		70-130	0		30
Bromoform	91		94		70-130	3		30
1,1,2,2-Tetrachloroethane	98		100		70-130	2		30
Benzene	113		112		70-130	1		30
Toluene	108		107		70-130	1		30
Ethylbenzene	111		109		70-130	2		30
Chloromethane	123		117		52-130	5		30
Bromomethane	105		102		57-147	3		30
Vinyl chloride	125		122		67-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427314

Report Date: 05/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-07 Batch: WG1923830-3 WG1923830-4								
Chloroethane	122		119		50-151	2		30
1,1-Dichloroethene	107		106		65-135	1		30
trans-1,2-Dichloroethene	108		107		70-130	1		30
Trichloroethene	112		110		70-130	2		30
1,2-Dichlorobenzene	103		101		70-130	2		30
1,3-Dichlorobenzene	104		101		70-130	3		30
1,4-Dichlorobenzene	104		102		70-130	2		30
Methyl tert butyl ether	105		103		66-130	2		30
p/m-Xylene	109		108		70-130	1		30
o-Xylene	109		107		70-130	2		30
cis-1,2-Dichloroethene	106		104		70-130	2		30
Styrene	114		112		70-130	2		30
Dichlorodifluoromethane	113		108		30-146	5		30
Acetone	131		127		54-140	3		30
Carbon disulfide	99		99		59-130	0		30
2-Butanone	126		128		70-130	2		30
4-Methyl-2-pentanone	110		113		70-130	3		30
2-Hexanone	122		123		70-130	1		30
Bromochloromethane	107		106		70-130	1		30
1,2-Dibromoethane	104		102		70-130	2		30
n-Butylbenzene	109		107		70-130	2		30
sec-Butylbenzene	109		108		70-130	1		30
1,2-Dibromo-3-chloropropane	95		98		68-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427314

Report Date: 05/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-07 Batch: WG1923830-3 WG1923830-4								
Isopropylbenzene	108		108		70-130	0		30
p-Isopropyltoluene	107		106		70-130	1		30
n-Propylbenzene	109		108		70-130	1		30
1,2,3-Trichlorobenzene	123		120		70-130	2		30
1,2,4-Trichlorobenzene	109		107		70-130	2		30
1,3,5-Trimethylbenzene	107		106		70-130	1		30
1,2,4-Trimethylbenzene	109		106		70-130	3		30
Methyl Acetate	120		117		51-146	3		30
Cyclohexane	123		123		59-142	0		30
1,4-Dioxane	94		103		65-136	9		30
Freon-113	114		112		50-139	2		30
Methyl cyclohexane	105		107		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		101		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	104		105		70-130
Dibromofluoromethane	103		103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427314

Report Date: 05/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-10 Batch: WG1923965-3 WG1923965-4								
Methylene chloride	88		90		70-130	2		30
1,1-Dichloroethane	93		94		70-130	1		30
Chloroform	95		98		70-130	3		30
Carbon tetrachloride	100		101		70-130	1		30
1,2-Dichloropropane	93		96		70-130	3		30
Dibromochloromethane	102		104		70-130	2		30
1,1,2-Trichloroethane	94		97		70-130	3		30
Tetrachloroethene	92		93		70-130	1		30
Chlorobenzene	97		98		70-130	1		30
Trichlorofluoromethane	100		102		70-139	2		30
1,2-Dichloroethane	90		94		70-130	4		30
1,1,1-Trichloroethane	99		100		70-130	1		30
Bromodichloromethane	98		100		70-130	2		30
trans-1,3-Dichloropropene	99		101		70-130	2		30
cis-1,3-Dichloropropene	89		91		70-130	2		30
Bromoform	95		97		70-130	2		30
1,1,2,2-Tetrachloroethane	95		96		70-130	1		30
Benzene	98		99		70-130	1		30
Toluene	96		97		70-130	1		30
Ethylbenzene	99		100		70-130	1		30
Chloromethane	84		86		52-130	2		30
Bromomethane	82		82		57-147	0		30
Vinyl chloride	92		94		67-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427314

Report Date: 05/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-10 Batch: WG1923965-3 WG1923965-4								
Chloroethane	96		94		50-151	2		30
1,1-Dichloroethene	86		88		65-135	2		30
trans-1,2-Dichloroethene	92		94		70-130	2		30
Trichloroethene	95		98		70-130	3		30
1,2-Dichlorobenzene	97		98		70-130	1		30
1,3-Dichlorobenzene	98		99		70-130	1		30
1,4-Dichlorobenzene	97		98		70-130	1		30
Methyl tert butyl ether	95		98		66-130	3		30
p/m-Xylene	93		93		70-130	0		30
o-Xylene	90		91		70-130	1		30
cis-1,2-Dichloroethene	93		95		70-130	2		30
Styrene	92		94		70-130	2		30
Dichlorodifluoromethane	97		99		30-146	2		30
Acetone	85		87		54-140	2		30
Carbon disulfide	89		92		59-130	3		30
2-Butanone	91		93		70-130	2		30
4-Methyl-2-pentanone	86		90		70-130	5		30
2-Hexanone	94		96		70-130	2		30
Bromochloromethane	96		99		70-130	3		30
1,2-Dibromoethane	99		101		70-130	2		30
n-Butylbenzene	106		106		70-130	0		30
sec-Butylbenzene	101		102		70-130	1		30
1,2-Dibromo-3-chloropropane	97		98		68-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427314

Report Date: 05/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-10 Batch: WG1923965-3 WG1923965-4								
Isopropylbenzene	92		92		70-130	0		30
p-Isopropyltoluene	94		94		70-130	0		30
n-Propylbenzene	101		101		70-130	0		30
1,2,3-Trichlorobenzene	101		101		70-130	0		30
1,2,4-Trichlorobenzene	105		105		70-130	0		30
1,3,5-Trimethylbenzene	100		100		70-130	0		30
1,2,4-Trimethylbenzene	98		98		70-130	0		30
Methyl Acetate	85		88		51-146	3		30
Cyclohexane	96		98		59-142	2		30
1,4-Dioxane	94		98		65-136	4		30
Freon-113	98		100		50-139	2		30
Methyl cyclohexane	95		98		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		99		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	104		102		70-130
Dibromofluoromethane	100		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427314

Report Date: 05/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1924925-3 WG1924925-4								
Methylene chloride	80		78		70-130	3		30
1,1-Dichloroethane	88		87		70-130	1		30
Chloroform	89		88		70-130	1		30
Carbon tetrachloride	91		90		70-130	1		30
1,2-Dichloropropane	88		88		70-130	0		30
Dibromochloromethane	92		92		70-130	0		30
1,1,2-Trichloroethane	93		93		70-130	0		30
Tetrachloroethene	107		106		70-130	1		30
Chlorobenzene	96		95		70-130	1		30
Trichlorofluoromethane	92		88		70-139	4		30
1,2-Dichloroethane	85		89		70-130	5		30
1,1,1-Trichloroethane	94		92		70-130	2		30
Bromodichloromethane	86		87		70-130	1		30
trans-1,3-Dichloropropene	96		97		70-130	1		30
cis-1,3-Dichloropropene	90		90		70-130	0		30
Bromoform	86		87		70-130	1		30
1,1,2,2-Tetrachloroethane	80		84		70-130	5		30
Benzene	91		90		70-130	1		30
Toluene	92		92		70-130	0		30
Ethylbenzene	95		94		70-130	1		30
Chloromethane	85		80		52-130	6		30
Bromomethane	81		78		57-147	4		30
Vinyl chloride	86		83		67-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427314

Report Date: 05/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1924925-3 WG1924925-4								
Chloroethane	89		86		50-151	3		30
1,1-Dichloroethene	88		85		65-135	3		30
trans-1,2-Dichloroethene	96		70		70-130	**31**	Q	30
Trichloroethene	101		98		70-130	3		30
1,2-Dichlorobenzene	96		96		70-130	0		30
1,3-Dichlorobenzene	99		98		70-130	1		30
1,4-Dichlorobenzene	95		96		70-130	1		30
Methyl tert butyl ether	79		77		66-130	3		30
p/m-Xylene	96		95		70-130	1		30
o-Xylene	94		94		70-130	0		30
cis-1,2-Dichloroethene	91		90		70-130	1		30
Styrene	96		98		70-130	2		30
Dichlorodifluoromethane	95		88		30-146	8		30
Acetone	82		85		54-140	4		30
Carbon disulfide	84		81		59-130	4		30
2-Butanone	76		80		70-130	5		30
4-Methyl-2-pentanone	91		91		70-130	0		30
2-Hexanone	89		91		70-130	2		30
Bromochloromethane	92		90		70-130	2		30
1,2-Dibromoethane	95		97		70-130	2		30
n-Butylbenzene	96		94		70-130	2		30
sec-Butylbenzene	93		92		70-130	1		30
1,2-Dibromo-3-chloropropane	89		88		68-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427314

Report Date: 05/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1924925-3 WG1924925-4								
Isopropylbenzene	92		91		70-130	1		30
p-Isopropyltoluene	95		94		70-130	1		30
n-Propylbenzene	92		92		70-130	0		30
1,2,3-Trichlorobenzene	96		97		70-130	1		30
1,2,4-Trichlorobenzene	101		101		70-130	0		30
1,3,5-Trimethylbenzene	90		92		70-130	2		30
1,2,4-Trimethylbenzene	94		93		70-130	1		30
Methyl Acetate	86		66		51-146	26		30
Cyclohexane	87		86		59-142	1		30
1,4-Dioxane	94		94		65-136	0		30
Freon-113	92		87		50-139	6		30
Methyl cyclohexane	90		90		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		96		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	97		95		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-01
Client ID: T4 B-1 8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:30
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/24 16:01
Analyst: EK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-01 Date Collected: 05/16/24 08:30

Client ID: T4 B-1 8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	81.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-01 Date Collected: 05/16/24 08:30

Client ID: T4 B-1 8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	44		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	43		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-02
Client ID: T4 B-2 8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:35
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/24 16:23
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-02 Date Collected: 05/16/24 08:35

Client ID: T4 B-2 8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-02 Date Collected: 05/16/24 08:35

Client ID: T4 B-2 8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	56		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-03
Client ID: T4 NW-1 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:40
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/24 16:46
Analyst: EK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-03 Date Collected: 05/16/24 08:40

Client ID: T4 NW-1 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-03 Date Collected: 05/16/24 08:40

Client ID: T4 NW-1 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	57		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-04
Client ID: T4 NW-2 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:45
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/24 17:09
Analyst: EK
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-04 Date Collected: 05/16/24 08:45

Client ID: T4 NW-2 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-04 Date Collected: 05/16/24 08:45

Client ID: T4 NW-2 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	56		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-05
Client ID: T4 SW-1 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:50
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/24 17:31
Analyst: EK
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-05 Date Collected: 05/16/24 08:50

Client ID: T4 SW-1 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-05 Date Collected: 05/16/24 08:50

Client ID: T4 SW-1 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	71		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-06
Client ID: T4 SW-2 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:55
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/24 17:54
Analyst: EK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-06 Date Collected: 05/16/24 08:55

Client ID: T4 SW-2 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-06 Date Collected: 05/16/24 08:55

Client ID: T4 SW-2 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	57		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-07
Client ID: T4 EW-1 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 09:00
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/19/24 21:11
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-07 Date Collected: 05/16/24 09:00

Client ID: T4 EW-1 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-07 Date Collected: 05/16/24 09:00

Client ID: T4 EW-1 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	59		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-08
Client ID: T4 EW-2 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 09:05
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/24 18:16
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-08 Date Collected: 05/16/24 09:05

Client ID: T4 EW-2 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-08 Date Collected: 05/16/24 09:05

Client ID: T4 EW-2 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	58		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-09
Client ID: T4 WW-1 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 09:10
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/24 18:39
Analyst: EK
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-09 Date Collected: 05/16/24 09:10

Client ID: T4 WW-1 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-09 Date Collected: 05/16/24 09:10

Client ID: T4 WW-1 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	62		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-10
Client ID: T4 WW-2 6- 8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 09:15
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/24 19:01
Analyst: EK
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-10 Date Collected: 05/16/24 09:15

Client ID: T4 WW-2 6- 8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-10 Date Collected: 05/16/24 09:15

Client ID: T4 WW-2 6- 8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	60		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/19/24 14:37
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1922818-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/19/24 14:37
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1922818-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/19/24 14:37
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1922818-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	70		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427314

Report Date: 05/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1922818-2 WG1922818-3								
Acenaphthene	71		71		31-137	0		50
Hexachlorobenzene	68		68		40-140	0		50
Bis(2-chloroethyl)ether	75		75		40-140	0		50
2-Chloronaphthalene	68		68		40-140	0		50
3,3'-Dichlorobenzidine	73		66		40-140	10		50
2,4-Dinitrotoluene	79		79		40-132	0		50
2,6-Dinitrotoluene	74		73		40-140	1		50
Fluoranthene	77		72		40-140	7		50
4-Chlorophenyl phenyl ether	73		74		40-140	1		50
4-Bromophenyl phenyl ether	73		74		40-140	1		50
Bis(2-chloroisopropyl)ether	70		70		40-140	0		50
Bis(2-chloroethoxy)methane	78		76		40-117	3		50
Hexachlorobutadiene	70		72		40-140	3		50
Hexachlorocyclopentadiene	64		63		40-140	2		50
Hexachloroethane	72		71		40-140	1		50
Isophorone	76		73		40-140	4		50
Naphthalene	70		70		40-140	0		50
Nitrobenzene	84		82		40-140	2		50
NDPA/DPA	74		73		36-157	1		50
n-Nitrosodi-n-propylamine	79		78		32-121	1		50
Bis(2-ethylhexyl)phthalate	74		71		40-140	4		50
Butyl benzyl phthalate	78		74		40-140	5		50
Di-n-butylphthalate	80		74		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427314

Report Date: 05/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1922818-2 WG1922818-3								
Di-n-octylphthalate	71		69		40-140	3		50
Diethyl phthalate	74		73		40-140	1		50
Dimethyl phthalate	69		69		40-140	0		50
Benzo(a)anthracene	73		70		40-140	4		50
Benzo(a)pyrene	67		66		40-140	2		50
Benzo(b)fluoranthene	65		62		40-140	5		50
Benzo(k)fluoranthene	70		69		40-140	1		50
Chrysene	71		68		40-140	4		50
Acenaphthylene	74		73		40-140	1		50
Anthracene	73		69		40-140	6		50
Benzo(ghi)perylene	70		68		40-140	3		50
Fluorene	71		72		40-140	1		50
Phenanthrene	72		68		40-140	6		50
Dibenzo(a,h)anthracene	70		68		40-140	3		50
Indeno(1,2,3-cd)pyrene	71		68		40-140	4		50
Pyrene	76		72		35-142	5		50
Biphenyl	61		60		37-127	2		50
4-Chloroaniline	75		74		40-140	1		50
2-Nitroaniline	77		77		47-134	0		50
3-Nitroaniline	74		70		26-129	6		50
4-Nitroaniline	75		75		41-125	0		50
Dibenzofuran	72		72		40-140	0		50
2-Methylnaphthalene	71		70		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427314

Report Date: 05/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1922818-2 WG1922818-3								
1,2,4,5-Tetrachlorobenzene	68		68		40-117	0		50
Acetophenone	68		67		14-144	1		50
2,4,6-Trichlorophenol	75		75		30-130	0		50
p-Chloro-m-cresol	78		77		26-103	1		50
2-Chlorophenol	77		75		25-102	3		50
2,4-Dichlorophenol	74		72		30-130	3		50
2,4-Dimethylphenol	71		70		30-130	1		50
2-Nitrophenol	79		78		30-130	1		50
4-Nitrophenol	92		90		11-114	2		50
2,4-Dinitrophenol	68		70		4-130	3		50
4,6-Dinitro-o-cresol	83		83		10-130	0		50
Pentachlorophenol	68		69		17-109	1		50
Phenol	81		80		26-90	1		50
2-Methylphenol	80		81		30-130.	1		50
3-Methylphenol/4-Methylphenol	85		84		30-130	1		50
2,4,5-Trichlorophenol	76		78		30-130	3		50
Carbazole	72		70		54-128	3		50
Atrazine	68		67		40-140	1		50
Benzaldehyde	60		60		40-140	0		50
Caprolactam	71		67		15-130	6		50
2,3,4,6-Tetrachlorophenol	79		82		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427314

Report Date: 05/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1922818-2 WG1922818-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		80		25-120
Phenol-d6	81		79		10-120
Nitrobenzene-d5	86		83		23-120
2-Fluorobiphenyl	69		69		30-120
2,4,6-Tribromophenol	76		75		10-136
4-Terphenyl-d14	77		72		18-120

PCBS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-01
Client ID: T4 B-1 8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:30
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/19/24 11:17
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 18:23
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.1	5.16	1	A
Aroclor 1221	ND		ug/kg	58.1	5.82	1	A
Aroclor 1232	ND		ug/kg	58.1	12.3	1	A
Aroclor 1242	ND		ug/kg	58.1	7.83	1	A
Aroclor 1248	ND		ug/kg	58.1	8.71	1	A
Aroclor 1254	ND		ug/kg	58.1	6.35	1	A
Aroclor 1260	ND		ug/kg	58.1	10.7	1	A
Aroclor 1262	ND		ug/kg	58.1	7.38	1	A
Aroclor 1268	ND		ug/kg	58.1	6.02	1	A
PCBs, Total	ND		ug/kg	58.1	5.16	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-02
Client ID: T4 B-2 8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:35
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/19/24 11:27
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 18:23
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.9	5.05	1	A
Aroclor 1221	ND		ug/kg	56.9	5.70	1	A
Aroclor 1232	ND		ug/kg	56.9	12.1	1	A
Aroclor 1242	ND		ug/kg	56.9	7.67	1	A
Aroclor 1248	ND		ug/kg	56.9	8.54	1	A
Aroclor 1254	ND		ug/kg	56.9	6.23	1	A
Aroclor 1260	ND		ug/kg	56.9	10.5	1	A
Aroclor 1262	ND		ug/kg	56.9	7.23	1	A
Aroclor 1268	ND		ug/kg	56.9	5.90	1	A
PCBs, Total	ND		ug/kg	56.9	5.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-03
Client ID: T4 NW-1 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:40
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/19/24 11:37
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 18:23
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.7	5.04	1	A
Aroclor 1221	ND		ug/kg	56.7	5.68	1	A
Aroclor 1232	ND		ug/kg	56.7	12.0	1	A
Aroclor 1242	ND		ug/kg	56.7	7.65	1	A
Aroclor 1248	ND		ug/kg	56.7	8.51	1	A
Aroclor 1254	ND		ug/kg	56.7	6.21	1	A
Aroclor 1260	ND		ug/kg	56.7	10.5	1	A
Aroclor 1262	ND		ug/kg	56.7	7.20	1	A
Aroclor 1268	ND		ug/kg	56.7	5.88	1	A
PCBs, Total	ND		ug/kg	56.7	5.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-04
Client ID: T4 NW-2 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:45
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/19/24 11:47
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 18:23
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.6	4.67	1	A
Aroclor 1221	ND		ug/kg	52.6	5.27	1	A
Aroclor 1232	ND		ug/kg	52.6	11.1	1	A
Aroclor 1242	ND		ug/kg	52.6	7.09	1	A
Aroclor 1248	ND		ug/kg	52.6	7.89	1	A
Aroclor 1254	ND		ug/kg	52.6	5.75	1	A
Aroclor 1260	ND		ug/kg	52.6	9.72	1	A
Aroclor 1262	ND		ug/kg	52.6	6.68	1	A
Aroclor 1268	ND		ug/kg	52.6	5.45	1	A
PCBs, Total	ND		ug/kg	52.6	4.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-05
Client ID: T4 SW-1 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:50
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/19/24 11:57
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 18:23
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.9	5.05	1	A
Aroclor 1221	ND		ug/kg	56.9	5.70	1	A
Aroclor 1232	ND		ug/kg	56.9	12.0	1	A
Aroclor 1242	ND		ug/kg	56.9	7.67	1	A
Aroclor 1248	ND		ug/kg	56.9	8.53	1	A
Aroclor 1254	ND		ug/kg	56.9	6.22	1	A
Aroclor 1260	ND		ug/kg	56.9	10.5	1	A
Aroclor 1262	ND		ug/kg	56.9	7.22	1	A
Aroclor 1268	ND		ug/kg	56.9	5.89	1	A
PCBs, Total	ND		ug/kg	56.9	5.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-06
Client ID: T4 SW-2 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:55
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/19/24 12:07
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 18:23
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.9	4.87	1	A
Aroclor 1221	ND		ug/kg	54.9	5.50	1	A
Aroclor 1232	ND		ug/kg	54.9	11.6	1	A
Aroclor 1242	ND		ug/kg	54.9	7.40	1	A
Aroclor 1248	ND		ug/kg	54.9	8.23	1	A
Aroclor 1254	ND		ug/kg	54.9	6.00	1	A
Aroclor 1260	ND		ug/kg	54.9	10.1	1	A
Aroclor 1262	ND		ug/kg	54.9	6.97	1	A
Aroclor 1268	ND		ug/kg	54.9	5.69	1	A
PCBs, Total	ND		ug/kg	54.9	4.87	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-07
Client ID: T4 EW-1 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 09:00
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/19/24 12:17
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 18:23
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.4	5.01	1	A
Aroclor 1221	ND		ug/kg	56.4	5.65	1	A
Aroclor 1232	ND		ug/kg	56.4	12.0	1	A
Aroclor 1242	ND		ug/kg	56.4	7.60	1	A
Aroclor 1248	ND		ug/kg	56.4	8.46	1	A
Aroclor 1254	ND		ug/kg	56.4	6.17	1	A
Aroclor 1260	ND		ug/kg	56.4	10.4	1	A
Aroclor 1262	ND		ug/kg	56.4	7.16	1	A
Aroclor 1268	ND		ug/kg	56.4	5.84	1	A
PCBs, Total	ND		ug/kg	56.4	5.01	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-08
Client ID: T4 EW-2 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 09:05
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/19/24 12:27
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 18:23
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.0	4.98	1	A
Aroclor 1221	ND		ug/kg	56.0	5.62	1	A
Aroclor 1232	ND		ug/kg	56.0	11.9	1	A
Aroclor 1242	ND		ug/kg	56.0	7.56	1	A
Aroclor 1248	ND		ug/kg	56.0	8.41	1	A
Aroclor 1254	ND		ug/kg	56.0	6.13	1	A
Aroclor 1260	ND		ug/kg	56.0	10.4	1	A
Aroclor 1262	ND		ug/kg	56.0	7.12	1	A
Aroclor 1268	ND		ug/kg	56.0	5.81	1	A
PCBs, Total	ND		ug/kg	56.0	4.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-09
Client ID: T4 WW-1 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 09:10
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/19/24 12:37
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 18:23
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.9	4.88	1	A
Aroclor 1221	ND		ug/kg	54.9	5.50	1	A
Aroclor 1232	ND		ug/kg	54.9	11.6	1	A
Aroclor 1242	ND		ug/kg	54.9	7.40	1	A
Aroclor 1248	ND		ug/kg	54.9	8.24	1	A
Aroclor 1254	ND		ug/kg	54.9	6.01	1	A
Aroclor 1260	ND		ug/kg	54.9	10.1	1	A
Aroclor 1262	ND		ug/kg	54.9	6.97	1	A
Aroclor 1268	ND		ug/kg	54.9	5.69	1	A
PCBs, Total	ND		ug/kg	54.9	4.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-10
Client ID: T4 WW-2 6- 8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 09:15
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/19/24 12:48
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 18:23
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.7	4.94	1	A
Aroclor 1221	ND		ug/kg	55.7	5.58	1	A
Aroclor 1232	ND		ug/kg	55.7	11.8	1	A
Aroclor 1242	ND		ug/kg	55.7	7.50	1	A
Aroclor 1248	ND		ug/kg	55.7	8.35	1	A
Aroclor 1254	ND		ug/kg	55.7	6.09	1	A
Aroclor 1260	ND		ug/kg	55.7	10.3	1	A
Aroclor 1262	ND		ug/kg	55.7	7.07	1	A
Aroclor 1268	ND		ug/kg	55.7	5.77	1	A
PCBs, Total	ND		ug/kg	55.7	4.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/19/24 10:45
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 05/18/24 18:23
Cleanup Method: EPA 3665A
Cleanup Date: 05/19/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/19/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-10 Batch: WG1922963-1						
Aroclor 1016	ND		ug/kg	48.8	4.34	A
Aroclor 1221	ND		ug/kg	48.8	4.89	A
Aroclor 1232	ND		ug/kg	48.8	10.4	A
Aroclor 1242	ND		ug/kg	48.8	6.58	A
Aroclor 1248	ND		ug/kg	48.8	7.32	A
Aroclor 1254	ND		ug/kg	48.8	5.34	A
Aroclor 1260	ND		ug/kg	48.8	9.02	A
Aroclor 1262	ND		ug/kg	48.8	6.20	A
Aroclor 1268	ND		ug/kg	48.8	5.06	A
PCBs, Total	ND		ug/kg	48.8	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	85		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427314

Report Date: 05/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1922963-2 WG1922963-3									
Aroclor 1016	79		74		40-140	7		50	A
Aroclor 1260	79		73		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		71		30-150	A
Decachlorobiphenyl	91		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		76		30-150	B
Decachlorobiphenyl	86		79		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-01 Date Collected: 05/16/24 08:30

Client ID: T4 B-1 8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.19		mg/kg	0.893	0.186	2	05/22/24 01:40	05/22/24 18:56	EPA 3050B	1,6010D	JTS
Barium, Total	49.3		mg/kg	0.893	0.155	2	05/22/24 01:40	05/22/24 18:56	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.893	0.088	2	05/22/24 01:40	05/22/24 18:56	EPA 3050B	1,6010D	JTS
Chromium, Total	10.8		mg/kg	0.893	0.086	2	05/22/24 01:40	05/22/24 18:56	EPA 3050B	1,6010D	JTS
Lead, Total	11.4		mg/kg	4.46	0.239	2	05/22/24 01:40	05/22/24 18:56	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.082	0.053	1	05/22/24 02:30	05/22/24 23:38	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.79	0.230	2	05/22/24 01:40	05/22/24 18:56	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.446	0.253	2	05/22/24 01:40	05/22/24 18:56	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-02
Client ID: T4 B-2 8
Sample Location: BUFFALO, NY
Date Collected: 05/16/24 08:35
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.34		mg/kg	0.891	0.185	2	05/22/24 01:40	05/22/24 19:03	EPA 3050B	1,6010D	JTS
Barium, Total	58.2		mg/kg	0.891	0.155	2	05/22/24 01:40	05/22/24 19:03	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.891	0.087	2	05/22/24 01:40	05/22/24 19:03	EPA 3050B	1,6010D	JTS
Chromium, Total	11.6		mg/kg	0.891	0.086	2	05/22/24 01:40	05/22/24 19:03	EPA 3050B	1,6010D	JTS
Lead, Total	11.4		mg/kg	4.46	0.239	2	05/22/24 01:40	05/22/24 19:03	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.080	0.052	1	05/22/24 02:30	05/22/24 23:41	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.78	0.230	2	05/22/24 01:40	05/22/24 19:03	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.446	0.252	2	05/22/24 01:40	05/22/24 19:03	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-03
Client ID: T4 NW-1 6-8
Sample Location: BUFFALO, NY
Date Collected: 05/16/24 08:40
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.56		mg/kg	0.905	0.188	2	05/22/24 01:40	05/22/24 19:10	EPA 3050B	1,6010D	JTS
Barium, Total	74.9		mg/kg	0.905	0.158	2	05/22/24 01:40	05/22/24 19:10	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.905	0.089	2	05/22/24 01:40	05/22/24 19:10	EPA 3050B	1,6010D	JTS
Chromium, Total	13.4		mg/kg	0.905	0.087	2	05/22/24 01:40	05/22/24 19:10	EPA 3050B	1,6010D	JTS
Lead, Total	13.3		mg/kg	4.53	0.243	2	05/22/24 01:40	05/22/24 19:10	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.080	0.052	1	05/22/24 02:30	05/22/24 23:45	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.81	0.234	2	05/22/24 01:40	05/22/24 19:10	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.453	0.256	2	05/22/24 01:40	05/22/24 19:10	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-04
Client ID: T4 NW-2 6-8
Sample Location: BUFFALO, NY
Date Collected: 05/16/24 08:45
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.07		mg/kg	0.868	0.180	2	05/22/24 01:40	05/22/24 19:16	EPA 3050B	1,6010D	JTS
Barium, Total	43.6		mg/kg	0.868	0.151	2	05/22/24 01:40	05/22/24 19:16	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.868	0.085	2	05/22/24 01:40	05/22/24 19:16	EPA 3050B	1,6010D	JTS
Chromium, Total	7.56		mg/kg	0.868	0.083	2	05/22/24 01:40	05/22/24 19:16	EPA 3050B	1,6010D	JTS
Lead, Total	10.5		mg/kg	4.34	0.233	2	05/22/24 01:40	05/22/24 19:16	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.075	0.049	1	05/22/24 02:30	05/22/24 23:48	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.74	0.224	2	05/22/24 01:40	05/22/24 19:16	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.434	0.246	2	05/22/24 01:40	05/22/24 19:16	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-05 Date Collected: 05/16/24 08:50

Client ID: T4 SW-1 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.08		mg/kg	0.932	0.194	2	05/22/24 01:40	05/22/24 19:23	EPA 3050B	1,6010D	JTS
Barium, Total	90.7		mg/kg	0.932	0.162	2	05/22/24 01:40	05/22/24 19:23	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.932	0.091	2	05/22/24 01:40	05/22/24 19:23	EPA 3050B	1,6010D	JTS
Chromium, Total	12.1		mg/kg	0.932	0.089	2	05/22/24 01:40	05/22/24 19:23	EPA 3050B	1,6010D	JTS
Lead, Total	12.2		mg/kg	4.66	0.250	2	05/22/24 01:40	05/22/24 19:23	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.082	0.053	1	05/22/24 02:30	05/22/24 23:51	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.86	0.240	2	05/22/24 01:40	05/22/24 19:23	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.466	0.264	2	05/22/24 01:40	05/22/24 19:23	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-06
Client ID: T4 SW-2 6-8
Sample Location: BUFFALO, NY
Date Collected: 05/16/24 08:55
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.53		mg/kg	0.916	0.190	2	05/22/24 01:40	05/22/24 19:30	EPA 3050B	1,6010D	JTS
Barium, Total	141		mg/kg	0.916	0.159	2	05/22/24 01:40	05/22/24 19:30	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.916	0.090	2	05/22/24 01:40	05/22/24 19:30	EPA 3050B	1,6010D	JTS
Chromium, Total	12.1		mg/kg	0.916	0.088	2	05/22/24 01:40	05/22/24 19:30	EPA 3050B	1,6010D	JTS
Lead, Total	14.6		mg/kg	4.58	0.245	2	05/22/24 01:40	05/22/24 19:30	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.075	0.049	1	05/22/24 02:30	05/22/24 23:55	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.83	0.236	2	05/22/24 01:40	05/22/24 19:30	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.458	0.259	2	05/22/24 01:40	05/22/24 19:30	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-07
Client ID: T4 EW-1 6-8
Sample Location: BUFFALO, NY
Date Collected: 05/16/24 09:00
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.25		mg/kg	0.919	0.191	2	05/22/24 01:40	05/22/24 19:37	EPA 3050B	1,6010D	JTS
Barium, Total	64.5		mg/kg	0.919	0.160	2	05/22/24 01:40	05/22/24 19:37	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.919	0.090	2	05/22/24 01:40	05/22/24 19:37	EPA 3050B	1,6010D	JTS
Chromium, Total	11.6		mg/kg	0.919	0.088	2	05/22/24 01:40	05/22/24 19:37	EPA 3050B	1,6010D	JTS
Lead, Total	11.3		mg/kg	4.59	0.246	2	05/22/24 01:40	05/22/24 19:37	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.075	0.049	1	05/22/24 02:30	05/22/24 23:58	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.84	0.237	2	05/22/24 01:40	05/22/24 19:37	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.459	0.260	2	05/22/24 01:40	05/22/24 19:37	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-08
Client ID: T4 EW-2 6-8
Sample Location: BUFFALO, NY
Date Collected: 05/16/24 09:05
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.32		mg/kg	0.899	0.187	2	05/22/24 01:40	05/22/24 19:44	EPA 3050B	1,6010D	JTS
Barium, Total	64.3		mg/kg	0.899	0.156	2	05/22/24 01:40	05/22/24 19:44	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.899	0.088	2	05/22/24 01:40	05/22/24 19:44	EPA 3050B	1,6010D	JTS
Chromium, Total	10.4		mg/kg	0.899	0.086	2	05/22/24 01:40	05/22/24 19:44	EPA 3050B	1,6010D	JTS
Lead, Total	11.9		mg/kg	4.49	0.241	2	05/22/24 01:40	05/22/24 19:44	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.079	0.052	1	05/22/24 02:30	05/23/24 00:01	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.80	0.232	2	05/22/24 01:40	05/22/24 19:44	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.449	0.254	2	05/22/24 01:40	05/22/24 19:44	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-09 Date Collected: 05/16/24 09:10

Client ID: T4 WW-1 6-8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.44		mg/kg	0.930	0.194	2	05/22/24 01:40	05/22/24 20:53	EPA 3050B	1,6010D	JTS
Barium, Total	68.2		mg/kg	0.930	0.162	2	05/22/24 01:40	05/22/24 20:53	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.930	0.091	2	05/22/24 01:40	05/22/24 20:53	EPA 3050B	1,6010D	JTS
Chromium, Total	10.6		mg/kg	0.930	0.089	2	05/22/24 01:40	05/22/24 20:53	EPA 3050B	1,6010D	JTS
Lead, Total	12.9		mg/kg	4.65	0.249	2	05/22/24 01:40	05/22/24 20:53	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.081	0.053	1	05/22/24 02:30	05/23/24 00:04	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.86	0.240	2	05/22/24 01:40	05/22/24 20:53	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.465	0.263	2	05/22/24 01:40	05/22/24 20:53	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-10 Date Collected: 05/16/24 09:15

Client ID: T4 WW-2 6- 8 Date Received: 05/16/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.94		mg/kg	0.906	0.188	2	05/22/24 01:40	05/22/24 21:00	EPA 3050B	1,6010D	JTS
Barium, Total	97.9		mg/kg	0.906	0.158	2	05/22/24 01:40	05/22/24 21:00	EPA 3050B	1,6010D	JTS
Cadmium, Total	0.229	J	mg/kg	0.906	0.089	2	05/22/24 01:40	05/22/24 21:00	EPA 3050B	1,6010D	JTS
Chromium, Total	13.6		mg/kg	0.906	0.087	2	05/22/24 01:40	05/22/24 21:00	EPA 3050B	1,6010D	JTS
Lead, Total	13.0		mg/kg	4.53	0.243	2	05/22/24 01:40	05/22/24 21:00	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.076	0.049	1	05/22/24 02:30	05/23/24 00:14	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.81	0.234	2	05/22/24 01:40	05/22/24 21:00	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.453	0.256	2	05/22/24 01:40	05/22/24 21:00	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427314

Project Number: 4461.0001B002 **Report Date:** 05/23/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1924040-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/22/24 01:40	05/22/24 07:11	1,6010D	JTS
Barium, Total	ND		mg/kg	0.400	0.070	1	05/22/24 01:40	05/22/24 07:11	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/22/24 01:40	05/22/24 07:11	1,6010D	JTS
Chromium, Total	ND		mg/kg	0.400	0.038	1	05/22/24 01:40	05/22/24 07:11	1,6010D	JTS
Lead, Total	ND		mg/kg	2.00	0.107	1	05/22/24 01:40	05/22/24 07:11	1,6010D	JTS
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/22/24 01:40	05/22/24 07:11	1,6010D	JTS
Silver, Total	ND		mg/kg	0.200	0.113	1	05/22/24 01:40	05/22/24 07:11	1,6010D	JTS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1924044-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/22/24 02:30	05/22/24 08:47	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427314

Report Date: 05/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1924040-2								
Arsenic, Total	104		-		80-120	-		
Barium, Total	118		-		80-120	-		
Cadmium, Total	108		-		80-120	-		
Chromium, Total	109		-		80-120	-		
Lead, Total	104		-		80-120	-		
Selenium, Total	103		-		80-120	-		
Silver, Total	114		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1924044-2								
Mercury, Total	103		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427314
Report Date: 05/23/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1924040-3 QC Sample: L2428028-01 Client ID: MS Sample												
Arsenic, Total	7.31	10.8	23.8	**153**	Q	-	-		75-125	-		20
Barium, Total	150	180	300	84		-	-		75-125	-		20
Cadmium, Total	ND	4.76	4.85	102		-	-		75-125	-		20
Chromium, Total	7.51	18	28.6	117		-	-		75-125	-		20
Lead, Total	98.4	47.6	633	**1120**	Q	-	-		75-125	-		20
Selenium, Total	0.563J	10.8	11.5	107		-	-		75-125	-		20
Silver, Total	ND	4.49	4.60	102		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1924044-3 QC Sample: L2428028-01 Client ID: MS Sample												
Mercury, Total	0.401	1.5	2.02	108		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427314
Report Date: 05/23/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1924040-4 QC Sample: L2428028-01 Client ID: DUP Sample						
Arsenic, Total	7.31	13.1	mg/kg	**57**	Q	20
Barium, Total	150	98.0	mg/kg	**42**	Q	20
Cadmium, Total	ND	0.188J	mg/kg	NC		20
Chromium, Total	7.51	9.97	mg/kg	**28**	Q	20
Lead, Total	98.4	186	mg/kg	**62**	Q	20
Selenium, Total	0.563J	0.914J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1924044-4 QC Sample: L2428028-01 Client ID: DUP Sample						
Mercury, Total	0.401	0.476	mg/kg	17		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-01
Client ID: T4 B-1 8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:30
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	05/17/24 11:47	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-02
Client ID: T4 B-2 8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:35
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	05/17/24 11:47	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-03
Client ID: T4 NW-1 6-8
Sample Location: BUFFALO, NY
Sample Depth:
Matrix: Soil
Date Collected: 05/16/24 08:40
Date Received: 05/16/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	05/17/24 11:47	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-04
Client ID: T4 NW-2 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:45
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	05/17/24 11:47	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-05
Client ID: T4 SW-1 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:50
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	05/17/24 11:47	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-06
Client ID: T4 SW-2 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 08:55
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	05/17/24 11:47	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-07
Client ID: T4 EW-1 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 09:00
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	05/17/24 11:47	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-08
Client ID: T4 EW-2 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 09:05
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	05/17/24 11:47	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-09
Client ID: T4 WW-1 6-8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 09:10
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	05/17/24 11:47	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427314
Report Date: 05/23/24

SAMPLE RESULTS

Lab ID: L2427314-10
Client ID: T4 WW-2 6- 8
Sample Location: BUFFALO, NY

Date Collected: 05/16/24 09:15
Date Received: 05/16/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.7		%	0.100	NA	1	-	05/17/24 11:47	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427314

Report Date: 05/23/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1922422-1 QC Sample: L2427314-01 Client ID: T4 B-1 8						
Solids, Total	85.4	85.4	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427314
Report Date: 05/23/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427314-01A	Glass 120ml/4oz unpreserved	B	NA		2.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2427314-01B	Glass 120ml/4oz unpreserved	B	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2427314-01C	Vial Large Septa unpreserved (4oz)	B	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2427314-01D	Glass 120ml/4oz unpreserved	B	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2427314-01X	Vial MeOH preserved split	B	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2427314-01Y	Vial Water preserved split	B	NA		2.0	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)
L2427314-01Z	Vial Water preserved split	B	NA		2.0	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)
L2427314-02A	Glass 120ml/4oz unpreserved	B	NA		2.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2427314-02B	Glass 120ml/4oz unpreserved	B	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2427314-02C	Vial Large Septa unpreserved (4oz)	B	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2427314-02D	Glass 120ml/4oz unpreserved	B	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2427314-02X	Vial MeOH preserved split	B	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2427314-02Y	Vial Water preserved split	B	NA		2.0	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)
L2427314-02Z	Vial Water preserved split	B	NA		2.0	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)
L2427314-03A	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2427314-03B	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2427314-03C	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2427314-03D	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2427314-03X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427314
Report Date: 05/23/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427314-03Y	Vial Water preserved split	A	NA		2.3	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)
L2427314-03Z	Vial Water preserved split	A	NA		2.3	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)
L2427314-04A	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2427314-04B	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2427314-04C	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2427314-04D	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2427314-04X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2427314-04Y	Vial Water preserved split	A	NA		2.3	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)
L2427314-04Z	Vial Water preserved split	A	NA		2.3	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)
L2427314-05A	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2427314-05B	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2427314-05C	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2427314-05D	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2427314-05X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2427314-05Y	Vial Water preserved split	A	NA		2.3	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)
L2427314-05Z	Vial Water preserved split	A	NA		2.3	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)
L2427314-06A	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2427314-06B	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2427314-06C	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2427314-06D	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2427314-06X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2427314-06Y	Vial Water preserved split	A	NA		2.3	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)
L2427314-06Z	Vial Water preserved split	A	NA		2.3	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)
L2427314-07A	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2427314-07B	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427314
Report Date: 05/23/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427314-07C	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2427314-07D	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2427314-07X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2427314-07Y	Vial Water preserved split	A	NA		2.3	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)
L2427314-07Z	Vial Water preserved split	A	NA		2.3	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)
L2427314-08A	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2427314-08B	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2427314-08C	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2427314-08D	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2427314-08X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260-R2(14)
L2427314-08Y	Vial Water preserved split	A	NA		2.3	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)
L2427314-08Z	Vial Water preserved split	A	NA		2.3	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)
L2427314-09A	Glass 120ml/4oz unpreserved	B	NA		2.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2427314-09B	Glass 120ml/4oz unpreserved	B	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2427314-09C	Vial Large Septa unpreserved (4oz)	B	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2427314-09D	Glass 120ml/4oz unpreserved	B	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2427314-09X	Vial MeOH preserved split	B	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2427314-09Y	Vial Water preserved split	B	NA		2.0	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)
L2427314-09Z	Vial Water preserved split	B	NA		2.0	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)
L2427314-10A	Vial Large Septa unpreserved (4oz)	B	NA		2.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2427314-10B	Vial Large Septa unpreserved (4oz)	B	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2427314-10C	Vial Large Septa unpreserved (4oz)	B	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2427314-10D	Vial Large Septa unpreserved (4oz)	B	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2427314-10X	Vial MeOH preserved split	B	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2427314-10Y	Vial Water preserved split	B	NA		2.0	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)
L2427314-10Z	Vial Water preserved split	B	NA		2.0	Y	Absent	18-MAY-24 06:52	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427314
Report Date: 05/23/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427314
Project Number:	4461.0001B002	**Report Date:**	05/23/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427314
Project Number:	4461.0001B002	**Report Date:**	05/23/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427314
Project Number:	4461.0001B002	**Report Date:**	05/23/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427314
Project Number:	4461.0001B002	**Report Date:**	05/23/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/17/24

ALPHA Job #: L2427314

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: amunley@roux inc.com

Project Information
Project Name: 1681 - 1689 Main Street
Project Location: Buffalo, NY
Project # 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	8260 VOCs	8270 SVOCs	RCRA Metals	PCBs	Sample Specific Comments	Total Bottle
27314 -01	TH B-1 8	5/16/24	0830	Soil	CEH	X	X	X	X		
-02	TH B-2 8		0835			X	X	X	X		
-03	TH NW-1 6-8		0840			X	X	X	X		
-04	TH NW-2 6-8		0845			X	X	X	X		
-05	TH SW-1 6-8		0850			X	X	X	X		
-06	TH SW-2 6-8		0855			X	X	X	X		
-07	TH EW-1 6-8		0900			X	X	X	X		
-08	TH EW-2 6-8		0905			X	X	X	X		
-09	TH WW-1 6-8		0910			X	X	X	X		
-10	TH WW-2 6-8		0915			X	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	5-16-24/1550		5/16/24 1550
	5/16/24 1550		5/17/24 0620

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2427653
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	05/21/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427653
Report Date: 05/21/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2427653-01	TSB B-8 7	SOIL	BUFFALO, NY	05/17/24 13:00	05/17/24
L2427653-02	TSB B-9 7	SOIL	BUFFALO, NY	05/17/24 13:10	05/17/24
L2427653-03	TSB B-12 7	SOIL	BUFFALO, NY	05/17/24 13:20	05/17/24
L2427653-04	TSB B-13 7	SOIL	BUFFALO, NY	05/17/24 13:30	05/17/24
L2427653-05	TSB B-16 7	SOIL	BUFFALO, NY	05/17/24 13:40	05/17/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427653
Project Number:	4461.0001B002	**Report Date:**	05/21/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427653
Project Number:	4461.0001B002	**Report Date:**	05/21/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2427653-03, -04, and -05: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2427653-01 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 05/21/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427653

Project Number: 4461.0001B002 **Report Date:** 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-03
Client ID: TSB B-12 7
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 13:20
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/18/24 13:50
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.49	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427653

Project Number: 4461.0001B002 **Report Date:** 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-03 Date Collected: 05/17/24 13:20

Client ID: TSB B-12 7 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.90	1
Acetone	ND		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
n-Propylbenzene	ND		ug/kg	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
Methyl Acetate	ND		ug/kg	4.0	0.94	1
Cyclohexane	ND		ug/kg	9.9	0.54	1
1,4-Dioxane	ND		ug/kg	79	35.	1
Freon-113	ND		ug/kg	4.0	0.68	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427653

Project Number: 4461.0001B002 **Report Date:** 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-04
Client ID: TSB B-13 7
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 13:30
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/18/24 14:17
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.17	1
Benzene	ND		ug/kg	0.53	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427653

Project Number: 4461.0001B002 **Report Date:** 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-04 Date Collected: 05/17/24 13:30

Client ID: TSB B-13 7 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
n-Butylbenzene	ND		ug/kg	1.0	0.18	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
Methyl Acetate	ND		ug/kg	4.2	1.0	1
Cyclohexane	ND		ug/kg	10	0.57	1
1,4-Dioxane	ND		ug/kg	84	37.	1
Freon-113	ND		ug/kg	4.2	0.73	1
Methyl cyclohexane	ND		ug/kg	4.2	0.64	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427653

Project Number: 4461.0001B002 **Report Date:** 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-05
Client ID: TSB B-16 7
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 13:40
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/18/24 14:43
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.84	0.12	1
Chloroform	0.17	J	ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.84	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.84	0.10	1
Dibromochloromethane	ND		ug/kg	0.84	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.84	0.22	1
Tetrachloroethene	ND		ug/kg	0.42	0.16	1
Chlorobenzene	ND		ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.84	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.84	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.84	0.46	1
Ethylbenzene	ND		ug/kg	0.84	0.12	1
Chloromethane	ND		ug/kg	3.4	0.78	1
Bromomethane	ND		ug/kg	1.7	0.49	1
Vinyl chloride	ND		ug/kg	0.84	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.84	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.42	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427653

Project Number: 4461.0001B002 **Report Date:** 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-05 Date Collected: 05/17/24 13:40

Client ID: TSB B-16 7 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	0.67	J	ug/kg	1.7	0.47	1
o-Xylene	0.55	J	ug/kg	0.84	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.84	0.15	1
Styrene	ND		ug/kg	0.84	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.4	0.77	1
Acetone	ND		ug/kg	8.4	4.0	1
Carbon disulfide	ND		ug/kg	8.4	3.8	1
2-Butanone	ND		ug/kg	8.4	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.4	1.1	1
2-Hexanone	ND		ug/kg	8.4	0.99	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.84	0.23	1
n-Butylbenzene	ND		ug/kg	0.84	0.14	1
sec-Butylbenzene	ND		ug/kg	0.84	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.84	1
Isopropylbenzene	ND		ug/kg	0.84	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.84	0.09	1
n-Propylbenzene	ND		ug/kg	0.84	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.28	1
Methyl Acetate	ND		ug/kg	3.4	0.80	1
Cyclohexane	ND		ug/kg	8.4	0.46	1
1,4-Dioxane	ND		ug/kg	67	30.	1
Freon-113	ND		ug/kg	3.4	0.58	1
Methyl cyclohexane	ND		ug/kg	3.4	0.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427653

Project Number: 4461.0001B002 **Report Date:** 05/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/18/24 13:24
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-05 Batch: WG1923319-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427653

Project Number: 4461.0001B002 **Report Date:** 05/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/18/24 13:24
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-05 Batch: WG1923319-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	0.57	J	ug/kg	2.0	0.56
o-Xylene	0.57	J	ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	0.73	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427653
Report Date: 05/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/18/24 13:24
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-05 Batch: WG1923319-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427653

Report Date: 05/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05 Batch: WG1923319-3 WG1923319-4								
Methylene chloride	86		85		70-130	1		30
1,1-Dichloroethane	92		92		70-130	0		30
Chloroform	95		94		70-130	1		30
Carbon tetrachloride	101		98		70-130	3		30
1,2-Dichloropropane	92		92		70-130	0		30
Dibromochloromethane	99		98		70-130	1		30
1,1,2-Trichloroethane	93		92		70-130	1		30
Tetrachloroethene	95		94		70-130	1		30
Chlorobenzene	98		96		70-130	2		30
Trichlorofluoromethane	97		94		70-139	3		30
1,2-Dichloroethane	93		93		70-130	0		30
1,1,1-Trichloroethane	100		99		70-130	1		30
Bromodichloromethane	97		96		70-130	1		30
trans-1,3-Dichloropropene	99		98		70-130	1		30
cis-1,3-Dichloropropene	89		87		70-130	2		30
Bromoform	95		94		70-130	1		30
1,1,2,2-Tetrachloroethane	94		92		70-130	2		30
Benzene	96		94		70-130	2		30
Toluene	94		94		70-130	0		30
Ethylbenzene	98		97		70-130	1		30
Chloromethane	86		88		52-130	2		30
Bromomethane	90		87		57-147	3		30
Vinyl chloride	92		94		67-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427653

Report Date: 05/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05 Batch: WG1923319-3 WG1923319-4								
Chloroethane	106		88		50-151	19		30
1,1-Dichloroethene	88		88		65-135	0		30
trans-1,2-Dichloroethene	94		93		70-130	1		30
Trichloroethene	95		96		70-130	1		30
1,2-Dichlorobenzene	99		97		70-130	2		30
1,3-Dichlorobenzene	99		98		70-130	1		30
1,4-Dichlorobenzene	99		96		70-130	3		30
Methyl tert butyl ether	94		95		66-130	1		30
p/m-Xylene	92		92		70-130	0		30
o-Xylene	91		90		70-130	1		30
cis-1,2-Dichloroethene	94		93		70-130	1		30
Styrene	93		92		70-130	1		30
Dichlorodifluoromethane	94		94		30-146	0		30
Acetone	86		79		54-140	8		30
Carbon disulfide	89		87		59-130	2		30
2-Butanone	83		78		70-130	6		30
4-Methyl-2-pentanone	83		82		70-130	1		30
2-Hexanone	87		87		70-130	0		30
Bromochloromethane	97		95		70-130	2		30
1,2-Dibromoethane	97		97		70-130	0		30
n-Butylbenzene	105		103		70-130	2		30
sec-Butylbenzene	102		100		70-130	2		30
1,2-Dibromo-3-chloropropane	91		91		68-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427653

Report Date: 05/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05 Batch: WG1923319-3 WG1923319-4								
Isopropylbenzene	91		89		70-130	2		30
p-Isopropyltoluene	95		92		70-130	3		30
n-Propylbenzene	99		98		70-130	1		30
1,2,3-Trichlorobenzene	100		98		70-130	2		30
1,2,4-Trichlorobenzene	104		101		70-130	3		30
1,3,5-Trimethylbenzene	100		98		70-130	2		30
1,2,4-Trimethylbenzene	97		96		70-130	1		30
Methyl Acetate	82		83		51-146	1		30
Cyclohexane	94		94		59-142	0		30
1,4-Dioxane	77		77		65-136	0		30
Freon-113	100		99		50-139	1		30
Methyl cyclohexane	97		96		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		99		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	99		102		70-130
Dibromofluoromethane	101		101		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427653
Report Date: 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-01
Client ID: TSB B-8 7
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 13:00
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/24 04:06
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427653

Project Number: 4461.0001B002 **Report Date:** 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-01 Date Collected: 05/17/24 13:00

Client ID: TSB B-8 7 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427653

Project Number: 4461.0001B002 **Report Date:** 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-01 Date Collected: 05/17/24 13:00

Client ID: TSB B-8 7 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	60		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427653
Report Date: 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-02
Client ID: TSB B-9 7
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 13:10
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/24 04:30
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427653

Project Number: 4461.0001B002 **Report Date:** 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-02 Date Collected: 05/17/24 13:10

Client ID: TSB B-9 7 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427653

Project Number: 4461.0001B002 **Report Date:** 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-02 Date Collected: 05/17/24 13:10

Client ID: TSB B-9 7 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	57		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427653
Report Date: 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-03
Client ID: TSB B-12 7
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 13:20
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/24 04:53
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427653

Project Number: 4461.0001B002 **Report Date:** 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-03 Date Collected: 05/17/24 13:20

Client ID: TSB B-12 7 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427653

Project Number: 4461.0001B002 **Report Date:** 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-03 Date Collected: 05/17/24 13:20

Client ID: TSB B-12 7 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	66		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427653
Report Date: 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-04
Client ID: TSB B-13 7
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 13:30
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/24 14:31
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	43	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	27	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427653

Project Number: 4461.0001B002 **Report Date:** 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-04 Date Collected: 05/17/24 13:30

Client ID: TSB B-13 7 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	24	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	24	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	31	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	36	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427653

Project Number: 4461.0001B002 **Report Date:** 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-04 Date Collected: 05/17/24 13:30

Client ID: TSB B-13 7 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	97		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	70		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427653
Report Date: 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-05
Client ID: TSB B-16 7
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 13:40
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/19/24 21:57
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427653

Project Number: 4461.0001B002 **Report Date:** 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-05 Date Collected: 05/17/24 13:40

Client ID: TSB B-16 7 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	31.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427653

Project Number: 4461.0001B002 **Report Date:** 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-05 Date Collected: 05/17/24 13:40

Client ID: TSB B-16 7 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	59		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427653
Report Date: 05/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/19/24 14:37
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1922818-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427653
Report Date: 05/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/19/24 14:37
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1922818-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427653
Report Date: 05/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/19/24 14:37
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 05/18/24 08:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1922818-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	70		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427653

Report Date: 05/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1922818-2 WG1922818-3								
Acenaphthene	71		71		31-137	0		50
Hexachlorobenzene	68		68		40-140	0		50
Bis(2-chloroethyl)ether	75		75		40-140	0		50
2-Chloronaphthalene	68		68		40-140	0		50
3,3'-Dichlorobenzidine	73		66		40-140	10		50
2,4-Dinitrotoluene	79		79		40-132	0		50
2,6-Dinitrotoluene	74		73		40-140	1		50
Fluoranthene	77		72		40-140	7		50
4-Chlorophenyl phenyl ether	73		74		40-140	1		50
4-Bromophenyl phenyl ether	73		74		40-140	1		50
Bis(2-chloroisopropyl)ether	70		70		40-140	0		50
Bis(2-chloroethoxy)methane	78		76		40-117	3		50
Hexachlorobutadiene	70		72		40-140	3		50
Hexachlorocyclopentadiene	64		63		40-140	2		50
Hexachloroethane	72		71		40-140	1		50
Isophorone	76		73		40-140	4		50
Naphthalene	70		70		40-140	0		50
Nitrobenzene	84		82		40-140	2		50
NDPA/DPA	74		73		36-157	1		50
n-Nitrosodi-n-propylamine	79		78		32-121	1		50
Bis(2-ethylhexyl)phthalate	74		71		40-140	4		50
Butyl benzyl phthalate	78		74		40-140	5		50
Di-n-butylphthalate	80		74		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427653

Report Date: 05/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1922818-2 WG1922818-3								
Di-n-octylphthalate	71		69		40-140	3		50
Diethyl phthalate	74		73		40-140	1		50
Dimethyl phthalate	69		69		40-140	0		50
Benzo(a)anthracene	73		70		40-140	4		50
Benzo(a)pyrene	67		66		40-140	2		50
Benzo(b)fluoranthene	65		62		40-140	5		50
Benzo(k)fluoranthene	70		69		40-140	1		50
Chrysene	71		68		40-140	4		50
Acenaphthylene	74		73		40-140	1		50
Anthracene	73		69		40-140	6		50
Benzo(ghi)perylene	70		68		40-140	3		50
Fluorene	71		72		40-140	1		50
Phenanthrene	72		68		40-140	6		50
Dibenzo(a,h)anthracene	70		68		40-140	3		50
Indeno(1,2,3-cd)pyrene	71		68		40-140	4		50
Pyrene	76		72		35-142	5		50
Biphenyl	61		60		37-127	2		50
4-Chloroaniline	75		74		40-140	1		50
2-Nitroaniline	77		77		47-134	0		50
3-Nitroaniline	74		70		26-129	6		50
4-Nitroaniline	75		75		41-125	0		50
Dibenzofuran	72		72		40-140	0		50
2-Methylnaphthalene	71		70		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427653

Report Date: 05/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1922818-2 WG1922818-3								
1,2,4,5-Tetrachlorobenzene	68		68		40-117	0		50
Acetophenone	68		67		14-144	1		50
2,4,6-Trichlorophenol	75		75		30-130	0		50
p-Chloro-m-cresol	78		77		26-103	1		50
2-Chlorophenol	77		75		25-102	3		50
2,4-Dichlorophenol	74		72		30-130	3		50
2,4-Dimethylphenol	71		70		30-130	1		50
2-Nitrophenol	79		78		30-130	1		50
4-Nitrophenol	92		90		11-114	2		50
2,4-Dinitrophenol	68		70		4-130	3		50
4,6-Dinitro-o-cresol	83		83		10-130	0		50
Pentachlorophenol	68		69		17-109	1		50
Phenol	81		80		26-90	1		50
2-Methylphenol	80		81		30-130.	1		50
3-Methylphenol/4-Methylphenol	85		84		30-130	1		50
2,4,5-Trichlorophenol	76		78		30-130	3		50
Carbazole	72		70		54-128	3		50
Atrazine	68		67		40-140	1		50
Benzaldehyde	60		60		40-140	0		50
Caprolactam	71		67		15-130	6		50
2,3,4,6-Tetrachlorophenol	79		82		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427653

Report Date: 05/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1922818-2 WG1922818-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		80		25-120
Phenol-d6	81		79		10-120
Nitrobenzene-d5	86		83		23-120
2-Fluorobiphenyl	69		69		30-120
2,4,6-Tribromophenol	76		75		10-136
4-Terphenyl-d14	77		72		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427653
Report Date: 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-01
Client ID: TSB B-8 7
Sample Location: BUFFALO, NY
Date Collected: 05/17/24 13:00
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.96		mg/kg	0.919	0.191	2	05/20/24 12:10	05/20/24 16:07	EPA 3050B	1,6010D	DMC
Barium, Total	63.2		mg/kg	0.919	0.160	2	05/20/24 12:10	05/20/24 16:07	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.128	J	mg/kg	0.919	0.090	2	05/20/24 12:10	05/20/24 16:07	EPA 3050B	1,6010D	DMC
Chromium, Total	10.2		mg/kg	0.919	0.088	2	05/20/24 12:10	05/20/24 16:07	EPA 3050B	1,6010D	DMC
Lead, Total	13.0		mg/kg	4.59	0.246	2	05/20/24 12:10	05/20/24 16:07	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.082	0.053	1	05/20/24 12:59	05/21/24 07:20	EPA 7471B	1,7471B	JWN
Selenium, Total	0.317	J	mg/kg	1.84	0.237	2	05/20/24 12:10	05/20/24 16:07	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.459	0.260	2	05/20/24 12:10	05/20/24 16:07	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427653

Project Number: 4461.0001B002 **Report Date:** 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-02 Date Collected: 05/17/24 13:10

Client ID: TSB B-9 7 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.60		mg/kg	0.899	0.187	2	05/20/24 12:10	05/20/24 19:10	EPA 3050B	1,6010D	DMC
Barium, Total	61.7		mg/kg	0.899	0.156	2	05/20/24 12:10	05/20/24 19:10	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.127	J	mg/kg	0.899	0.088	2	05/20/24 12:10	05/20/24 19:10	EPA 3050B	1,6010D	DMC
Chromium, Total	11.8		mg/kg	0.899	0.086	2	05/20/24 12:10	05/20/24 19:10	EPA 3050B	1,6010D	DMC
Lead, Total	13.5		mg/kg	4.49	0.241	2	05/20/24 12:10	05/20/24 19:10	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.081	0.053	1	05/20/24 12:59	05/21/24 08:33	EPA 7471B	1,7471B	JWN
Selenium, Total	0.751	J	mg/kg	1.80	0.232	2	05/20/24 12:10	05/20/24 19:10	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.449	0.254	2	05/20/24 12:10	05/20/24 19:10	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427653
Report Date: 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-03
Client ID: TSB B-12 7
Sample Location: BUFFALO, NY
Date Collected: 05/17/24 13:20
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.73		mg/kg	0.876	0.182	2	05/20/24 12:10	05/20/24 19:16	EPA 3050B	1,6010D	DMC
Barium, Total	94.8		mg/kg	0.876	0.152	2	05/20/24 12:10	05/20/24 19:16	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.118	J	mg/kg	0.876	0.086	2	05/20/24 12:10	05/20/24 19:16	EPA 3050B	1,6010D	DMC
Chromium, Total	10.6		mg/kg	0.876	0.084	2	05/20/24 12:10	05/20/24 19:16	EPA 3050B	1,6010D	DMC
Lead, Total	11.6		mg/kg	4.38	0.235	2	05/20/24 12:10	05/20/24 19:16	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.081	0.053	1	05/20/24 12:59	05/21/24 08:36	EPA 7471B	1,7471B	JWN
Selenium, Total	0.442	J	mg/kg	1.75	0.226	2	05/20/24 12:10	05/20/24 19:16	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.438	0.248	2	05/20/24 12:10	05/20/24 19:16	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427653
Report Date: 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-04
Client ID: TSB B-13 7
Sample Location: BUFFALO, NY
Date Collected: 05/17/24 13:30
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.22		mg/kg	0.924	0.192	2	05/20/24 12:10	05/20/24 19:22	EPA 3050B	1,6010D	DMC
Barium, Total	63.6		mg/kg	0.924	0.161	2	05/20/24 12:10	05/20/24 19:22	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.133	J	mg/kg	0.924	0.091	2	05/20/24 12:10	05/20/24 19:22	EPA 3050B	1,6010D	DMC
Chromium, Total	10.0		mg/kg	0.924	0.089	2	05/20/24 12:10	05/20/24 19:22	EPA 3050B	1,6010D	DMC
Lead, Total	12.1		mg/kg	4.62	0.248	2	05/20/24 12:10	05/20/24 19:22	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.077	0.050	1	05/20/24 12:59	05/21/24 08:40	EPA 7471B	1,7471B	JWN
Selenium, Total	0.275	J	mg/kg	1.85	0.238	2	05/20/24 12:10	05/20/24 19:22	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.462	0.262	2	05/20/24 12:10	05/20/24 19:22	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427653
Report Date: 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-05
Client ID: TSB B-16 7
Sample Location: BUFFALO, NY
Date Collected: 05/17/24 13:40
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.03		mg/kg	0.889	0.185	2	05/20/24 12:10	05/20/24 19:28	EPA 3050B	1,6010D	DMC
Barium, Total	60.1		mg/kg	0.889	0.155	2	05/20/24 12:10	05/20/24 19:28	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.099	J	mg/kg	0.889	0.087	2	05/20/24 12:10	05/20/24 19:28	EPA 3050B	1,6010D	DMC
Chromium, Total	9.96		mg/kg	0.889	0.085	2	05/20/24 12:10	05/20/24 19:28	EPA 3050B	1,6010D	DMC
Lead, Total	10.4		mg/kg	4.44	0.238	2	05/20/24 12:10	05/20/24 19:28	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.092	0.060	1	05/20/24 12:59	05/21/24 08:43	EPA 7471B	1,7471B	JWN
Selenium, Total	0.701	J	mg/kg	1.78	0.229	2	05/20/24 12:10	05/20/24 19:28	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.444	0.252	2	05/20/24 12:10	05/20/24 19:28	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427653
Report Date: 05/21/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1922788-1										
Arsenic, Total	ND		mg/kg	0.399	0.083	1	05/20/24 12:10	05/20/24 15:39	1,6010D	DMC
Barium, Total	ND		mg/kg	0.399	0.069	1	05/20/24 12:10	05/20/24 15:39	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.399	0.039	1	05/20/24 12:10	05/20/24 15:39	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.399	0.038	1	05/20/24 12:10	05/20/24 15:39	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	05/20/24 12:10	05/20/24 15:39	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.798	0.103	1	05/20/24 12:10	05/20/24 15:39	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	05/20/24 12:10	05/20/24 15:39	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1922793-1										
Mercury, Total	ND		mg/kg	0.076	0.049	1	05/20/24 12:59	05/21/24 07:14	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427653

Report Date: 05/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1922788-2								
Arsenic, Total	97		-		80-120	-		
Barium, Total	104		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Chromium, Total	103		-		80-120	-		
Lead, Total	102		-		80-120	-		
Selenium, Total	96		-		80-120	-		
Silver, Total	93		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1922793-2								
Mercury, Total	99		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427653
Report Date: 05/21/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1922788-3 QC Sample: L2427653-01 Client ID: TSB B-8 7												
Arsenic, Total	1.96	11.1	14.9	117		-	-		75-125	-		20
Barium, Total	63.2	184	244	98		-	-		75-125	-		20
Cadmium, Total	0.128J	4.89	5.10	104		-	-		75-125	-		20
Chromium, Total	10.2	18.4	30.1	108		-	-		75-125	-		20
Lead, Total	13.0	48.9	62.1	100		-	-		75-125	-		20
Selenium, Total	0.317J	11.1	11.9	108		-	-		75-125	-		20
Silver, Total	ND	4.61	4.65	101		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1922793-3 QC Sample: L2427653-01 Client ID: TSB B-8 7												
Mercury, Total	ND	1.68	1.68	100		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427653

Report Date: 05/21/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1922788-4 QC Sample: L2427653-01 Client ID: TSB B-8 7						
Arsenic, Total	1.96	1.99	mg/kg	2		20
Barium, Total	63.2	51.9	mg/kg	20		20
Cadmium, Total	0.128J	0.127J	mg/kg	NC		20
Chromium, Total	10.2	10.7	mg/kg	5		20
Lead, Total	13.0	12.1	mg/kg	7		20
Selenium, Total	0.317J	0.506J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1922793-4 QC Sample: L2427653-01 Client ID: TSB B-8 7						
Mercury, Total	ND	ND	mg/kg	NC		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2427653
Report Date: 05/21/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1922788-6 QC Sample: L2427653-01 Client ID: TSB B-8 7						
Barium, Total	63.2	65.6	mg/kg	4		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427653
Report Date: 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-01
Client ID: TSB B-8 7
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 13:00
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	05/18/24 11:58	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427653
Report Date: 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-02
Client ID: TSB B-9 7
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 13:10
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	05/18/24 11:58	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427653
Report Date: 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-03
Client ID: TSB B-12 7
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 13:20
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	05/18/24 11:58	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427653
Report Date: 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-04
Client ID: TSB B-13 7
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 13:30
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	05/18/24 11:58	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427653
Report Date: 05/21/24

SAMPLE RESULTS

Lab ID: L2427653-05
Client ID: TSB B-16 7
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 13:40
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	05/18/24 11:58	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427653

Report Date: 05/21/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1922830-1 QC Sample: L2427336-01 Client ID: DUP Sample						
Solids, Total	78.6	78.3	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427653
Report Date: 05/21/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427653-01A	Glass 60ml unpreserved split	B	NA		3.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2427653-01B	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2427653-02A	Glass 60ml unpreserved split	B	NA		3.8	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2427653-02B	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2427653-03A	Glass 60ml unpreserved split	B	NA		3.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2427653-03B	Vial Large Septa unpreserved (4oz)	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2427653-03C	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2427653-03X	Vial MeOH preserved split	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2427653-03Y	Vial Water preserved split	A	NA		4.9	Y	Absent	18-MAY-24 07:08	NYTCL-8260-R2(14)
L2427653-03Z	Vial Water preserved split	A	NA		4.9	Y	Absent	18-MAY-24 07:08	NYTCL-8260-R2(14)
L2427653-04A	Glass 60ml unpreserved split	B	NA		3.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2427653-04B	Vial Large Septa unpreserved (4oz)	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2427653-04C	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2427653-04X	Vial MeOH preserved split	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2427653-04Y	Vial Water preserved split	A	NA		4.9	Y	Absent	18-MAY-24 07:08	NYTCL-8260-R2(14)
L2427653-04Z	Vial Water preserved split	A	NA		4.9	Y	Absent	18-MAY-24 07:08	NYTCL-8260-R2(14)
L2427653-05A	Glass 60ml unpreserved split	B	NA		3.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2427653-05B	Vial Large Septa unpreserved (4oz)	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427653
Report Date: 05/21/24

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2427653-05C	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2427653-05X	Vial MeOH preserved split	A	NA		4.9	Y	Absent		NYTCL-8260-R2(14)
L2427653-05Y	Vial Water preserved split	A	NA		4.9	Y	Absent	18-MAY-24 07:08	NYTCL-8260-R2(14)
L2427653-05Z	Vial Water preserved split	A	NA		4.9	Y	Absent	18-MAY-24 07:08	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427653
Project Number:	4461.0001B002	**Report Date:**	05/21/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427653
Project Number:	4461.0001B002	**Report Date:**	05/21/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427653
Project Number:	4461.0001B002	**Report Date:**	05/21/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427653
Project Number:	4461.0001B002	**Report Date:**	05/21/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL LABORATORIES

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/18/24

ALPHA Job #: L2427653

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: mmunley@rouxinc.com

Project Information

Project Name: 1681-1689 main street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time

Standard ☐
Rush (only if pre approved) ☒
Due Date: 2 Day TAT
# of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	TCL + CP-51 VOCs	Total Bottle	Sample Specific Comments
27653-01	TSB B-8 7	5-17-24	1300	Soil	CEH	X	X			
-02	TSB B-9 7		1310			X	X			
-03	~~duplicate~~ TSB B-12 7		1320			X	X	X		
-04	TSB B-13 7		1330			X	X	X		
-05	TSB B-16 7		1340			X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
Chester Hochreiter	5-17-24/1520	[illegible]	5/17/24 1520
[illegible]	5/17/24 1520	[illegible]	5/18/24 1:40

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2427657
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	05/24/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427657
Report Date: 05/24/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2427657-01	TSB SW-1 3-5	SOIL	BUFFALO, NY	05/17/24 13:50	05/17/24
L2427657-02	TSB SW-2 3-5	SOIL	BUFFALO, NY	05/17/24 14:00	05/17/24
L2427657-03	TSB SW-3 3-5	SOIL	BUFFALO, NY	05/17/24 14:10	05/17/24
L2427657-04	TSB NW-1 3-5	SOIL	BUFFALO, NY	05/17/24 14:20	05/17/24
L2427657-05	TSB NW-2 3-5	SOIL	BUFFALO, NY	05/17/24 14:30	05/17/24
L2427657-06	NC SW-8 2-3	SOIL	BUFFALO, NY	05/17/24 14:40	05/17/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427657
Project Number:	4461.0001B002	**Report Date:**	05/24/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427657
Project Number:	4461.0001B002	**Report Date:**	05/24/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2427657-01 through -06: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 05/24/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427657
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-01
Client ID: TSB SW-1 3-5
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 13:50
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/21/24 02:18
Analyst: SZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 05/19/24 17:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427657

Project Number: 4461.0001B002 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-01 Date Collected: 05/17/24 13:50

Client ID: TSB SW-1 3-5 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427657

Project Number: 4461.0001B002 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-01 Date Collected: 05/17/24 13:50

Client ID: TSB SW-1 3-5 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	72		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427657
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-02
Client ID: TSB SW-2 3-5
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 14:00
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/21/24 01:31
Analyst: SZ
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/19/24 17:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427657

Project Number: 4461.0001B002 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-02 Date Collected: 05/17/24 14:00

Client ID: TSB SW-2 3-5 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427657

Project Number: 4461.0001B002 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-02 Date Collected: 05/17/24 14:00

Client ID: TSB SW-2 3-5 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	73		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427657
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-03
Client ID: TSB SW-3 3-5
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 14:10
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/24 23:58
Analyst: SZ
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/19/24 17:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427657

Project Number: 4461.0001B002 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-03 Date Collected: 05/17/24 14:10

Client ID: TSB SW-3 3-5 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427657

Project Number: 4461.0001B002 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-03 Date Collected: 05/17/24 14:10

Client ID: TSB SW-3 3-5 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	80		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427657
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-04
Client ID: TSB NW-1 3-5
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 14:20
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/21/24 03:27
Analyst: SZ
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/19/24 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	68	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	31	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427657

Project Number: 4461.0001B002 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-04 Date Collected: 05/17/24 14:20

Client ID: TSB NW-1 3-5 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	40	J	ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	30	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	48	J	ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	54	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427657

Project Number: 4461.0001B002 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-04 Date Collected: 05/17/24 14:20

Client ID: TSB NW-1 3-5 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	73		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427657
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-05
Client ID: TSB NW-2 3-5
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 14:30
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/21/24 03:04
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/19/24 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	68	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	38	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427657

Project Number: 4461.0001B002 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-05 Date Collected: 05/17/24 14:30

Client ID: TSB NW-2 3-5 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	33	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	34	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	77	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	64	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427657

Project Number: 4461.0001B002 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-05 Date Collected: 05/17/24 14:30

Client ID: TSB NW-2 3-5 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	73		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427657
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-06
Client ID: NC SW-8 2-3
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 14:40
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/21/24 05:24
Analyst: SZ
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/19/24 21:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	69	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	680		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	25	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	240		ug/kg	110	21.	1
Benzo(a)pyrene	240		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427657

Project Number: 4461.0001B002 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-06 Date Collected: 05/17/24 14:40

Client ID: NC SW-8 2-3 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	300		ug/kg	110	32.	1
Benzo(k)fluoranthene	120		ug/kg	110	30.	1
Chrysene	250		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	120		ug/kg	110	37.	1
Benzo(ghi)perylene	160		ug/kg	150	22.	1
Fluorene	51	J	ug/kg	190	18.	1
Phenanthrene	520		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	34	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	140	J	ug/kg	150	26.	1
Pyrene	540		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	21	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	54	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427657

Project Number: 4461.0001B002 **Report Date:** 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-06 Date Collected: 05/17/24 14:40

Client ID: NC SW-8 2-3 Date Received: 05/17/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	50		10-136
4-Terphenyl-d14	56		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427657
Report Date: 05/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/20/24 22:31
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/19/24 17:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1923140-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427657
Report Date: 05/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/20/24 22:31
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/19/24 17:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1923140-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427657
Report Date: 05/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/20/24 22:31
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/19/24 17:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1923140-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	73		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427657
Report Date: 05/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/20/24 23:26
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/19/24 21:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-06 Batch: WG1923161-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427657
Report Date: 05/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/20/24 23:26
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/19/24 21:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-06 Batch: WG1923161-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427657
Report Date: 05/24/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/20/24 23:26
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/19/24 21:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-06 Batch: WG1923161-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	91		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427657

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1923140-2 WG1923140-3								
Acenaphthene	78		78		31-137	0		50
Hexachlorobenzene	80		85		40-140	6		50
Bis(2-chloroethyl)ether	67		71		40-140	6		50
2-Chloronaphthalene	75		79		40-140	5		50
3,3'-Dichlorobenzidine	79		67		40-140	16		50
2,4-Dinitrotoluene	90		98		40-132	9		50
2,6-Dinitrotoluene	85		95		40-140	11		50
Fluoranthene	73		81		40-140	10		50
4-Chlorophenyl phenyl ether	83		83		40-140	0		50
4-Bromophenyl phenyl ether	84		86		40-140	2		50
Bis(2-chloroisopropyl)ether	57		58		40-140	2		50
Bis(2-chloroethoxy)methane	71		76		40-117	7		50
Hexachlorobutadiene	88		86		40-140	2		50
Hexachlorocyclopentadiene	71		69		40-140	3		50
Hexachloroethane	70		74		40-140	6		50
Isophorone	66		71		40-140	7		50
Naphthalene	77		78		40-140	1		50
Nitrobenzene	73		78		40-140	7		50
NDPA/DPA	78		82		36-157	5		50
n-Nitrosodi-n-propylamine	70		72		32-121	3		50
Bis(2-ethylhexyl)phthalate	92		83		40-140	10		50
Butyl benzyl phthalate	75		85		40-140	13		50
Di-n-butylphthalate	84		82		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427657

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1923140-2 WG1923140-3								
Di-n-octylphthalate	89		83		40-140	7		50
Diethyl phthalate	76		80		40-140	5		50
Dimethyl phthalate	73		82		40-140	12		50
Benzo(a)anthracene	83		81		40-140	2		50
Benzo(a)pyrene	80		84		40-140	5		50
Benzo(b)fluoranthene	81		84		40-140	4		50
Benzo(k)fluoranthene	81		81		40-140	0		50
Chrysene	82		80		40-140	2		50
Acenaphthylene	75		82		40-140	9		50
Anthracene	83		81		40-140	2		50
Benzo(ghi)perylene	81		80		40-140	1		50
Fluorene	75		77		40-140	3		50
Phenanthrene	80		80		40-140	0		50
Dibenzo(a,h)anthracene	84		83		40-140	1		50
Indeno(1,2,3-cd)pyrene	84		83		40-140	1		50
Pyrene	71		79		35-142	11		50
Biphenyl	75		79		37-127	5		50
4-Chloroaniline	52		41		40-140	24		50
2-Nitroaniline	81		95		47-134	16		50
3-Nitroaniline	69		66		26-129	4		50
4-Nitroaniline	70		83		41-125	17		50
Dibenzofuran	80		80		40-140	0		50
2-Methylnaphthalene	78		81		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427657

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1923140-2 WG1923140-3								
1,2,4,5-Tetrachlorobenzene	85		85		40-117	0		50
Acetophenone	81		86		14-144	6		50
2,4,6-Trichlorophenol	84		90		30-130	7		50
p-Chloro-m-cresol	74		82		26-103	10		50
2-Chlorophenol	74		79		25-102	7		50
2,4-Dichlorophenol	74		81		30-130	9		50
2,4-Dimethylphenol	76		83		30-130	9		50
2-Nitrophenol	88		96		30-130	9		50
4-Nitrophenol	66		80		11-114	19		50
2,4-Dinitrophenol	72		89		4-130	21		50
4,6-Dinitro-o-cresol	89		102		10-130	14		50
Pentachlorophenol	71		82		17-109	14		50
Phenol	78		84		26-90	7		50
2-Methylphenol	71		76		30-130.	7		50
3-Methylphenol/4-Methylphenol	71		78		30-130	9		50
2,4,5-Trichlorophenol	84		93		30-130	10		50
Carbazole	77		83		54-128	8		50
Atrazine	71		80		40-140	12		50
Benzaldehyde	61		67		40-140	9		50
Caprolactam	74		85		15-130	14		50
2,3,4,6-Tetrachlorophenol	84		85		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427657

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1923140-2 WG1923140-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	71		73		25-120
Phenol-d6	67		72		10-120
Nitrobenzene-d5	70		74		23-120
2-Fluorobiphenyl	73		74		30-120
2,4,6-Tribromophenol	86		89		10-136
4-Terphenyl-d14	72		79		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427657

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-06 Batch: WG1923161-2 WG1923161-3								
Acenaphthene	80		82		31-137	2		50
Hexachlorobenzene	82		89		40-140	8		50
Bis(2-chloroethyl)ether	72		75		40-140	4		50
2-Chloronaphthalene	78		84		40-140	7		50
3,3'-Dichlorobenzidine	71		74		40-140	4		50
2,4-Dinitrotoluene	94		101		40-132	7		50
2,6-Dinitrotoluene	84		102		40-140	19		50
Fluoranthene	82		87		40-140	6		50
4-Chlorophenyl phenyl ether	83		88		40-140	6		50
4-Bromophenyl phenyl ether	82		92		40-140	11		50
Bis(2-chloroisopropyl)ether	60		62		40-140	3		50
Bis(2-chloroethoxy)methane	71		78		40-117	9		50
Hexachlorobutadiene	94		94		40-140	0		50
Hexachlorocyclopentadiene	69		76		40-140	10		50
Hexachloroethane	76		76		40-140	0		50
Isophorone	67		72		40-140	7		50
Naphthalene	83		85		40-140	2		50
Nitrobenzene	77		81		40-140	5		50
NDPA/DPA	82		86		36-157	5		50
n-Nitrosodi-n-propylamine	71		75		32-121	5		50
Bis(2-ethylhexyl)phthalate	78		89		40-140	13		50
Butyl benzyl phthalate	88		97		40-140	10		50
Di-n-butylphthalate	80		89		40-140	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427657

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-06 Batch: WG1923161-2 WG1923161-3								
Di-n-octylphthalate	86		94		40-140	9		50
Diethyl phthalate	76		85		40-140	11		50
Dimethyl phthalate	72		85		40-140	17		50
Benzo(a)anthracene	84		84		40-140	0		50
Benzo(a)pyrene	95		93		40-140	2		50
Benzo(b)fluoranthene	101		92		40-140	9		50
Benzo(k)fluoranthene	85		91		40-140	7		50
Chrysene	83		83		40-140	0		50
Acenaphthylene	78		86		40-140	10		50
Anthracene	86		86		40-140	0		50
Benzo(ghi)perylene	92		84		40-140	9		50
Fluorene	78		81		40-140	4		50
Phenanthrene	84		83		40-140	1		50
Dibenzo(a,h)anthracene	93		88		40-140	6		50
Indeno(1,2,3-cd)pyrene	93		89		40-140	4		50
Pyrene	82		86		35-142	5		50
Biphenyl	76		84		37-127	10		50
4-Chloroaniline	41		42		40-140	2		50
2-Nitroaniline	88		96		47-134	9		50
3-Nitroaniline	61		73		26-129	18		50
4-Nitroaniline	78		85		41-125	9		50
Dibenzofuran	82		84		40-140	2		50
2-Methylnaphthalene	82		86		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427657

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-06 Batch: WG1923161-2 WG1923161-3								
1,2,4,5-Tetrachlorobenzene	87		91		40-117	4		50
Acetophenone	87		90		14-144	3		50
2,4,6-Trichlorophenol	83		96		30-130	15		50
p-Chloro-m-cresol	79		85		26-103	7		50
2-Chlorophenol	79		83		25-102	5		50
2,4-Dichlorophenol	75		81		30-130	8		50
2,4-Dimethylphenol	78		85		30-130	9		50
2-Nitrophenol	92		96		30-130	4		50
4-Nitrophenol	78		83		11-114	6		50
2,4-Dinitrophenol	80		89		4-130	11		50
4,6-Dinitro-o-cresol	92		106		10-130	14		50
Pentachlorophenol	76		88		17-109	15		50
Phenol	85		86		26-90	1		50
2-Methylphenol	75		79		30-130.	5		50
3-Methylphenol/4-Methylphenol	74		79		30-130	7		50
2,4,5-Trichlorophenol	83		92		30-130	10		50
Carbazole	86		87		54-128	1		50
Atrazine	75		86		40-140	14		50
Benzaldehyde	68		69		40-140	1		50
Caprolactam	78		88		15-130	12		50
2,3,4,6-Tetrachlorophenol	84		92		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427657

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-06 Batch: WG1923161-2 WG1923161-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	78		79		25-120
Phenol-d6	72		76		10-120
Nitrobenzene-d5	76		79		23-120
2-Fluorobiphenyl	76		84		30-120
2,4,6-Tribromophenol	86		95		10-136
4-Terphenyl-d14	82		91		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427657
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-01
Client ID: TSB SW-1 3-5
Sample Location: BUFFALO, NY
Date Collected: 05/17/24 13:50
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.45		mg/kg	0.934	0.194	2	05/23/24 07:10	05/23/24 14:29	EPA 3050B	1,6010D	JMF
Barium, Total	73.5		mg/kg	0.934	0.162	2	05/23/24 07:10	05/23/24 14:29	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.216	J	mg/kg	0.934	0.092	2	05/23/24 07:10	05/23/24 14:29	EPA 3050B	1,6010D	JMF
Chromium, Total	13.1		mg/kg	0.934	0.090	2	05/23/24 07:10	05/23/24 14:29	EPA 3050B	1,6010D	JMF
Lead, Total	15.2		mg/kg	4.67	0.250	2	05/23/24 07:10	05/23/24 14:29	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.075	0.049	1	05/23/24 09:55	05/23/24 16:17	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.87	0.241	2	05/23/24 07:10	05/23/24 14:29	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.467	0.264	2	05/23/24 07:10	05/23/24 14:29	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427657
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-02
Client ID: TSB SW-2 3-5
Sample Location: BUFFALO, NY
Date Collected: 05/17/24 14:00
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.10		mg/kg	0.915	0.190	2	05/23/24 07:10	05/23/24 14:33	EPA 3050B	1,6010D	JMF
Barium, Total	65.5		mg/kg	0.915	0.159	2	05/23/24 07:10	05/23/24 14:33	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.190	J	mg/kg	0.915	0.090	2	05/23/24 07:10	05/23/24 14:33	EPA 3050B	1,6010D	JMF
Chromium, Total	11.5		mg/kg	0.915	0.088	2	05/23/24 07:10	05/23/24 14:33	EPA 3050B	1,6010D	JMF
Lead, Total	13.2		mg/kg	4.57	0.245	2	05/23/24 07:10	05/23/24 14:33	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.049	1	05/23/24 09:55	05/23/24 16:20	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.83	0.236	2	05/23/24 07:10	05/23/24 14:33	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.457	0.259	2	05/23/24 07:10	05/23/24 14:33	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427657
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-03
Client ID: TSB SW-3 3-5
Sample Location: BUFFALO, NY
Date Collected: 05/17/24 14:10
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.18		mg/kg	0.913	0.190	2	05/23/24 07:10	05/23/24 14:49	EPA 3050B	1,6010D	JMF
Barium, Total	67.8		mg/kg	0.913	0.159	2	05/23/24 07:10	05/23/24 14:49	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.173	J	mg/kg	0.913	0.089	2	05/23/24 07:10	05/23/24 14:49	EPA 3050B	1,6010D	JMF
Chromium, Total	10.9		mg/kg	0.913	0.088	2	05/23/24 07:10	05/23/24 14:49	EPA 3050B	1,6010D	JMF
Lead, Total	12.4		mg/kg	4.56	0.244	2	05/23/24 07:10	05/23/24 14:49	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.075	0.049	1	05/23/24 09:55	05/23/24 16:23	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.82	0.235	2	05/23/24 07:10	05/23/24 14:49	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.456	0.258	2	05/23/24 07:10	05/23/24 14:49	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427657
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-04
Client ID: TSB NW-1 3-5
Sample Location: BUFFALO, NY
Date Collected: 05/17/24 14:20
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.06		mg/kg	0.890	0.185	2	05/23/24 07:10	05/23/24 15:53	EPA 3050B	1,6010D	JMF
Barium, Total	69.6		mg/kg	0.890	0.155	2	05/23/24 07:10	05/23/24 15:53	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.182	J	mg/kg	0.890	0.087	2	05/23/24 07:10	05/23/24 15:53	EPA 3050B	1,6010D	JMF
Chromium, Total	9.82		mg/kg	0.890	0.085	2	05/23/24 07:10	05/23/24 15:53	EPA 3050B	1,6010D	JMF
Lead, Total	12.4		mg/kg	4.45	0.238	2	05/23/24 07:10	05/23/24 15:53	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.073	0.048	1	05/23/24 09:55	05/23/24 16:26	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.78	0.230	2	05/23/24 07:10	05/23/24 15:53	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.445	0.252	2	05/23/24 07:10	05/23/24 15:53	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427657
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-05
Client ID: TSB NW-2 3-5
Sample Location: BUFFALO, NY
Date Collected: 05/17/24 14:30
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.49		mg/kg	0.898	0.187	2	05/23/24 07:10	05/23/24 15:57	EPA 3050B	1,6010D	JMF
Barium, Total	160		mg/kg	0.898	0.156	2	05/23/24 07:10	05/23/24 15:57	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.206	J	mg/kg	0.898	0.088	2	05/23/24 07:10	05/23/24 15:57	EPA 3050B	1,6010D	JMF
Chromium, Total	12.6		mg/kg	0.898	0.086	2	05/23/24 07:10	05/23/24 15:57	EPA 3050B	1,6010D	JMF
Lead, Total	13.7		mg/kg	4.49	0.241	2	05/23/24 07:10	05/23/24 15:57	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.075	0.049	1	05/23/24 09:55	05/23/24 16:30	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.80	0.232	2	05/23/24 07:10	05/23/24 15:57	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.449	0.254	2	05/23/24 07:10	05/23/24 15:57	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427657
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-06
Client ID: NC SW-8 2-3
Sample Location: BUFFALO, NY
Date Collected: 05/17/24 14:40
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.03		mg/kg	0.869	0.181	2	05/23/24 07:10	05/23/24 16:01	EPA 3050B	1,6010D	JMF
Barium, Total	66.9		mg/kg	0.869	0.151	2	05/23/24 07:10	05/23/24 16:01	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.159	J	mg/kg	0.869	0.085	2	05/23/24 07:10	05/23/24 16:01	EPA 3050B	1,6010D	JMF
Chromium, Total	12.1		mg/kg	0.869	0.084	2	05/23/24 07:10	05/23/24 16:01	EPA 3050B	1,6010D	JMF
Lead, Total	25.0		mg/kg	4.35	0.233	2	05/23/24 07:10	05/23/24 16:01	EPA 3050B	1,6010D	JMF
Mercury, Total	0.076		mg/kg	0.073	0.047	1	05/23/24 09:55	05/23/24 16:40	EPA 7471B	1,7471B	JWN
Selenium, Total	0.344	J	mg/kg	1.74	0.224	2	05/23/24 07:10	05/23/24 16:01	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.435	0.246	2	05/23/24 07:10	05/23/24 16:01	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427657

Project Number: 4461.0001B002 **Report Date:** 05/24/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1924757-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/23/24 07:10	05/23/24 14:03	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	05/23/24 07:10	05/23/24 14:03	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/23/24 07:10	05/23/24 14:03	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	05/23/24 07:10	05/23/24 14:03	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	05/23/24 07:10	05/23/24 14:03	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/23/24 07:10	05/23/24 14:03	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	05/23/24 07:10	05/23/24 14:03	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1924759-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/23/24 09:55	05/23/24 16:00	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427657

Report Date: 05/24/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1924757-2								
Arsenic, Total	106		-		80-120	-		
Barium, Total	109		-		80-120	-		
Cadmium, Total	106		-		80-120	-		
Chromium, Total	107		-		80-120	-		
Lead, Total	108		-		80-120	-		
Selenium, Total	104		-		80-120	-		
Silver, Total	111		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1924759-2								
Mercury, Total	96		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427657
Report Date: 05/24/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1924757-3 WG1924757-4 QC Sample: L2427694-04 Client ID: MS Sample												
Arsenic, Total	6.32J	10.3	14.8	**144**	Q	13.6	**135**	Q	75-125	8		20
Barium, Total	61.4	172	172	**64**	Q	196	80		75-125	13		20
Cadmium, Total	ND	4.54	3.46J	**0**	Q	3.77J	**0**	Q	75-125	9		20
Chromium, Total	546	17.2	484	**0**	Q	510	**0**	Q	75-125	5		20
Lead, Total	59.9	45.4	129	**152**	Q	105	101		75-125	**21**	Q	20
Selenium, Total	ND	10.3	7.47J	**0**	Q	7.86J	**0**	Q	75-125	5		20
Silver, Total	ND	4.29	3.48J	**0**	Q	3.85J	**0**	Q	75-125	10		20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1924759-3 WG1924759-4 QC Sample: L2427694-04 Client ID: MS Sample												
Mercury, Total	0.072	1.42	1.40	94		1.39	93		80-120	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2427657
Report Date: 05/24/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1924757-6 QC Sample: L2427694-04 Client ID: DUP Sample						
Chromium, Total	546	561	mg/kg	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427657
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-01
Client ID: TSB SW-1 3-5
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 13:50
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	05/18/24 11:14	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427657
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-02
Client ID: TSB SW-2 3-5
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 14:00
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	05/18/24 11:14	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427657
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-03
Client ID: TSB SW-3 3-5
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 14:10
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	05/18/24 11:14	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427657
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-04
Client ID: TSB NW-1 3-5
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 14:20
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	05/18/24 11:14	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427657
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-05
Client ID: TSB NW-2 3-5
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 14:30
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	05/18/24 11:14	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427657
Report Date: 05/24/24

SAMPLE RESULTS

Lab ID: L2427657-06
Client ID: NC SW-8 2-3
Sample Location: BUFFALO, NY

Date Collected: 05/17/24 14:40
Date Received: 05/17/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	05/18/24 11:14	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427657

Report Date: 05/24/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1922826-1 QC Sample: L2426830-21 Client ID: DUP Sample						
Solids, Total	90.0	90.1	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427657
Report Date: 05/24/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427657-01A	Glass 60ml unpreserved split	B	NA		3.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2427657-01B	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2427657-02A	Glass 60ml unpreserved split	B	NA		3.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2427657-02B	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2427657-03A	Glass 60ml unpreserved split	B	NA		3.8	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2427657-03B	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2427657-04A	Glass 60ml unpreserved split	B	NA		3.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2427657-04B	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2427657-05A	Glass 60ml unpreserved split	B	NA		3.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2427657-05B	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2427657-06A	Glass 60ml unpreserved split	B	NA		3.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2427657-06B	Glass 250ml/8oz unpreserved	B	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427657
Project Number:	4461.0001B002	**Report Date:**	05/24/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427657
Project Number:	4461.0001B002	**Report Date:**	05/24/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427657
Project Number:	4461.0001B002	**Report Date:**	05/24/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427657
Project Number:	4461.0001B002	**Report Date:**	05/24/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/18/24

ALPHA Job #: L2427657

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	RCRA Metals	TCL SVOCs	Total Bottle	Sample Specific Comments
27657-01	TSB SW-1 3-5	5-17-24	1350	Soil	CEH	X	X		
-02	TSB SW-2 3-5		1400			X	X		
-03	TSB SW-3 3-5		1410			X	X		
-04	TSB NW-1 3-5		1420			X	X		
-05	TSB NW-2 3-5		1430			X	X		
-06	NC SW-8 2-3		1440			X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

	Container Type								
	Preservative								

Relinquished By:	Date/Time	Received By:	Date/Time
Charles Hardcastle	5-17-24 / 1520	[illegible]	5/17/24 1520
[illegible]	5/17/24 1520	[illegible]	5/18/24 1:40

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2427923
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	05/28/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427923
Report Date: 05/28/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2427923-01	TSB NW-3 3-5	SOIL	BUFFALO, NY	05/20/24 13:10	05/20/24
L2427923-02	TSB NW-4 3-5	SOIL	BUFFALO, NY	05/20/24 13:20	05/20/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427923
Project Number:	4461.0001B002	**Report Date:**	05/28/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427923
Project Number:	4461.0001B002	**Report Date:**	05/28/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2427923-01 and -02: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

The WG1925061-5 Method Blank, associated with L2427923-01 and -02, has a concentration above the reporting limit for bromomethane. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

Total Metals

L2427923-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 05/28/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427923
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427923-01
Client ID: TSB NW-3 3-5
Sample Location: BUFFALO, NY
Date Collected: 05/20/24 13:10
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/23/24 19:54
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427923

Project Number: 4461.0001B002 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427923-01 Date Collected: 05/20/24 13:10

Client ID: TSB NW-3 3-5 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	8.2	J	ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	88	38.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	98		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427923

Project Number: 4461.0001B002 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427923-02
Client ID: TSB NW-4 3-5
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 13:20
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/23/24 20:21
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.20	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427923

Project Number: 4461.0001B002 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427923-02 Date Collected: 05/20/24 13:20

Client ID: TSB NW-4 3-5 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.24	1
p/m-Xylene	ND		ug/kg	2.3	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	5.9	J	ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Cyclohexane	ND		ug/kg	12	0.64	1
1,4-Dioxane	ND		ug/kg	94	41.	1
Freon-113	ND		ug/kg	4.7	0.81	1
Methyl cyclohexane	ND		ug/kg	4.7	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	97		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427923

Project Number: 4461.0001B002 **Report Date:** 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/23/24 11:44
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1925061-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.16	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	2.5		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427923

Project Number: 4461.0001B002 **Report Date:** 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/23/24 11:44
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1925061-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	0.24	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427923

Project Number: 4461.0001B002 **Report Date:** 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/23/24 11:44
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1925061-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427923

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1925061-3 WG1925061-4								
Methylene chloride	77		**66**	Q	70-130	15		30
1,1-Dichloroethane	81		83		70-130	2		30
Chloroform	83		85		70-130	2		30
Carbon tetrachloride	82		83		70-130	1		30
1,2-Dichloropropane	83		84		70-130	1		30
Dibromochloromethane	87		90		70-130	3		30
1,1,2-Trichloroethane	89		92		70-130	3		30
Tetrachloroethene	97		99		70-130	2		30
Chlorobenzene	90		92		70-130	2		30
Trichlorofluoromethane	78		80		70-139	3		30
1,2-Dichloroethane	84		85		70-130	1		30
1,1,1-Trichloroethane	86		88		70-130	2		30
Bromodichloromethane	81		85		70-130	5		30
trans-1,3-Dichloropropene	91		94		70-130	3		30
cis-1,3-Dichloropropene	86		86		70-130	0		30
Bromoform	81		85		70-130	5		30
1,1,2,2-Tetrachloroethane	85		93		70-130	9		30
Benzene	84		86		70-130	2		30
Toluene	86		88		70-130	2		30
Ethylbenzene	89		91		70-130	2		30
Chloromethane	73		75		52-130	3		30
Bromomethane	66		72		57-147	9		30
Vinyl chloride	76		78		67-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427923

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1925061-3 WG1925061-4								
Chloroethane	79		83		50-151	5		30
1,1-Dichloroethene	78		81		65-135	4		30
trans-1,2-Dichloroethene	90		**65**	Q	70-130	**32**	Q	30
Trichloroethene	90		89		70-130	1		30
1,2-Dichlorobenzene	91		96		70-130	5		30
1,3-Dichlorobenzene	91		95		70-130	4		30
1,4-Dichlorobenzene	91		94		70-130	3		30
Methyl tert butyl ether	87		77		66-130	12		30
p/m-Xylene	89		92		70-130	3		30
o-Xylene	89		91		70-130	2		30
cis-1,2-Dichloroethene	85		87		70-130	2		30
Styrene	92		95		70-130	3		30
Dichlorodifluoromethane	78		79		30-146	1		30
Acetone	82		54		54-140	**41**	Q	30
Carbon disulfide	75		79		59-130	5		30
2-Butanone	80		78		70-130	3		30
4-Methyl-2-pentanone	90		92		70-130	2		30
2-Hexanone	91		93		70-130	2		30
Bromochloromethane	86		88		70-130	2		30
1,2-Dibromoethane	94		98		70-130	4		30
n-Butylbenzene	86		89		70-130	3		30
sec-Butylbenzene	85		89		70-130	5		30
1,2-Dibromo-3-chloropropane	87		93		68-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427923

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1925061-3 WG1925061-4								
Isopropylbenzene	87		91		70-130	4		30
p-Isopropyltoluene	86		90		70-130	5		30
n-Propylbenzene	87		89		70-130	2		30
1,2,3-Trichlorobenzene	92		97		70-130	5		30
1,2,4-Trichlorobenzene	96		100		70-130	4		30
1,3,5-Trimethylbenzene	85		89		70-130	5		30
1,2,4-Trimethylbenzene	87		91		70-130	4		30
Methyl Acetate	98		65		51-146	**40**	Q	30
Cyclohexane	78		80		59-142	3		30
1,4-Dioxane	98		102		65-136	4		30
Freon-113	80		81		50-139	1		30
Methyl cyclohexane	80		81		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		96		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	96		98		70-130
Dibromofluoromethane	95		95		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427923
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427923-01
Client ID: TSB NW-3 3-5
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 13:10
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/24/24 02:15
Analyst: SZ
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/22/24 14:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427923

Project Number: 4461.0001B002 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427923-01 Date Collected: 05/20/24 13:10

Client ID: TSB NW-3 3-5 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427923

Project Number: 4461.0001B002 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427923-01 Date Collected: 05/20/24 13:10

Client ID: TSB NW-3 3-5 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	102		10-136
4-Terphenyl-d14	65		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427923
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427923-02
Client ID: TSB NW-4 3-5
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 13:20
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/24/24 02:39
Analyst: SZ
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/22/24 14:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427923

Project Number: 4461.0001B002 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427923-02 Date Collected: 05/20/24 13:20

Client ID: TSB NW-4 3-5 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427923

Project Number: 4461.0001B002 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2427923-02 Date Collected: 05/20/24 13:20

Client ID: TSB NW-4 3-5 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	74		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427923
Report Date: 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/23/24 23:27
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 05/22/24 14:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1924542-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427923
Report Date: 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/23/24 23:27
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 05/22/24 14:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1924542-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427923
Report Date: 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/23/24 23:27
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 05/22/24 14:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1924542-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	125		10-136
4-Terphenyl-d14	100		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427923
Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1924542-2 WG1924542-3								
Acenaphthene	85		82		31-137	4		50
Hexachlorobenzene	113		108		40-140	5		50
Bis(2-chloroethyl)ether	73		66		40-140	10		50
2-Chloronaphthalene	92		84		40-140	9		50
3,3'-Dichlorobenzidine	73		72		40-140	1		50
2,4-Dinitrotoluene	102		99		40-132	3		50
2,6-Dinitrotoluene	113		105		40-140	7		50
Fluoranthene	89		86		40-140	3		50
4-Chlorophenyl phenyl ether	90		88		40-140	2		50
4-Bromophenyl phenyl ether	103		98		40-140	5		50
Bis(2-chloroisopropyl)ether	53		47		40-140	12		50
Bis(2-chloroethoxy)methane	80		73		40-117	9		50
Hexachlorobutadiene	96		86		40-140	11		50
Hexachlorocyclopentadiene	137		122		40-140	12		50
Hexachloroethane	80		71		40-140	12		50
Isophorone	78		72		40-140	8		50
Naphthalene	82		73		40-140	12		50
Nitrobenzene	78		70		40-140	11		50
NDPA/DPA	91		88		36-157	3		50
n-Nitrosodi-n-propylamine	77		70		32-121	10		50
Bis(2-ethylhexyl)phthalate	94		92		40-140	2		50
Butyl benzyl phthalate	100		97		40-140	3		50
Di-n-butylphthalate	91		88		40-140	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427923

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1924542-2 WG1924542-3								
Di-n-octylphthalate	97		95		40-140	2		50
Diethyl phthalate	92		88		40-140	4		50
Dimethyl phthalate	98		92		40-140	6		50
Benzo(a)anthracene	84		82		40-140	2		50
Benzo(a)pyrene	91		92		40-140	1		50
Benzo(b)fluoranthene	92		90		40-140	2		50
Benzo(k)fluoranthene	87		86		40-140	1		50
Chrysene	85		82		40-140	4		50
Acenaphthylene	95		87		40-140	9		50
Anthracene	86		83		40-140	4		50
Benzo(ghi)perylene	87		84		40-140	4		50
Fluorene	88		84		40-140	5		50
Phenanthrene	83		80		40-140	4		50
Dibenzo(a,h)anthracene	87		84		40-140	4		50
Indeno(1,2,3-cd)pyrene	90		86		40-140	5		50
Pyrene	87		85		35-142	2		50
Biphenyl	83		77		37-127	8		50
4-Chloroaniline	77		70		40-140	10		50
2-Nitroaniline	108		102		47-134	6		50
3-Nitroaniline	81		79		26-129	3		50
4-Nitroaniline	92		89		41-125	3		50
Dibenzofuran	86		82		40-140	5		50
2-Methylnaphthalene	92		83		40-140	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427923
Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1924542-2 WG1924542-3								
1,2,4,5-Tetrachlorobenzene	86		79		40-117	8		50
Acetophenone	75		68		14-144	10		50
2,4,6-Trichlorophenol	104		96		30-130	8		50
p-Chloro-m-cresol	96		90		26-103	6		50
2-Chlorophenol	86		78		25-102	10		50
2,4-Dichlorophenol	96		89		30-130	8		50
2,4-Dimethylphenol	106		98		30-130	8		50
2-Nitrophenol	108		97		30-130	11		50
4-Nitrophenol	85		82		11-114	4		50
2,4-Dinitrophenol	111		108		4-130	3		50
4,6-Dinitro-o-cresol	116		114		10-130	2		50
Pentachlorophenol	**120**	Q	**117**	Q	17-109	3		50
Phenol	73		66		26-90	10		50
2-Methylphenol	85		77		30-130.	10		50
3-Methylphenol/4-Methylphenol	85		78		30-130	9		50
2,4,5-Trichlorophenol	107		101		30-130	6		50
Carbazole	84		82		54-128	2		50
Atrazine	88		83		40-140	6		50
Benzaldehyde	69		62		40-140	11		50
Caprolactam	67		63		15-130	6		50
2,3,4,6-Tetrachlorophenol	100		98		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427923

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1924542-2 WG1924542-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	76		67		25-120
Phenol-d6	76		68		10-120
Nitrobenzene-d5	78		69		23-120
2-Fluorobiphenyl	88		80		30-120
2,4,6-Tribromophenol	123		118		10-136
4-Terphenyl-d14	90		85		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427923
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427923-01
Client ID: TSB NW-3 3-5
Sample Location: BUFFALO, NY
Date Collected: 05/20/24 13:10
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.26		mg/kg	0.863	0.180	2	05/24/24 17:35	05/26/24 15:30	EPA 3050B	1,6010D	MAM
Barium, Total	61.4		mg/kg	0.863	0.150	2	05/24/24 17:35	05/26/24 15:30	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.172	J	mg/kg	0.863	0.085	2	05/24/24 17:35	05/26/24 15:30	EPA 3050B	1,6010D	MAM
Chromium, Total	11.5		mg/kg	0.863	0.083	2	05/24/24 17:35	05/26/24 15:30	EPA 3050B	1,6010D	MAM
Lead, Total	14.5		mg/kg	4.32	0.231	2	05/24/24 17:35	05/26/24 15:30	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.081	0.053	1	05/24/24 22:00	05/25/24 11:31	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.73	0.223	2	05/24/24 17:35	05/26/24 15:30	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.432	0.244	2	05/24/24 17:35	05/26/24 15:30	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427923
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427923-02
Client ID: TSB NW-4 3-5
Sample Location: BUFFALO, NY
Date Collected: 05/20/24 13:20
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.74		mg/kg	0.914	0.190	2	05/24/24 17:35	05/26/24 15:34	EPA 3050B	1,6010D	MAM
Barium, Total	64.2		mg/kg	0.914	0.159	2	05/24/24 17:35	05/26/24 15:34	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.176	J	mg/kg	0.914	0.090	2	05/24/24 17:35	05/26/24 15:34	EPA 3050B	1,6010D	MAM
Chromium, Total	17.7		mg/kg	0.914	0.088	2	05/24/24 17:35	05/26/24 15:34	EPA 3050B	1,6010D	MAM
Lead, Total	14.5		mg/kg	4.57	0.245	2	05/24/24 17:35	05/26/24 15:34	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.090	0.059	1	05/24/24 22:00	05/25/24 11:34	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.83	0.236	2	05/24/24 17:35	05/26/24 15:34	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.457	0.259	2	05/24/24 17:35	05/26/24 15:34	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427923

Project Number: 4461.0001B002 **Report Date:** 05/28/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1925494-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/24/24 17:35	05/26/24 13:19	1,6010D	MAM
Barium, Total	ND		mg/kg	0.400	0.070	1	05/24/24 17:35	05/26/24 13:19	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/24/24 17:35	05/26/24 13:19	1,6010D	MAM
Chromium, Total	0.045	J	mg/kg	0.400	0.038	1	05/24/24 17:35	05/26/24 13:19	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	05/24/24 17:35	05/26/24 13:19	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/24/24 17:35	05/26/24 13:19	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	05/24/24 17:35	05/26/24 13:19	1,6010D	MAM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1925495-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/24/24 22:00	05/25/24 10:41	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427923

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1925494-2								
Arsenic, Total	100		-		80-120	-		
Barium, Total	105		-		80-120	-		
Cadmium, Total	104		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Lead, Total	103		-		80-120	-		
Selenium, Total	101		-		80-120	-		
Silver, Total	106		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1925495-2								
Mercury, Total	96		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427923
Report Date: 05/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1925494-3 QC Sample: L2427009-47 Client ID: MS Sample												
Arsenic, Total	5.28	13.3	17.0	88		-	-		75-125	-		20
Barium, Total	54.3	222	282	103		-	-		75-125	-		20
Cadmium, Total	0.146J	5.88	5.90	100		-	-		75-125	-		20
Chromium, Total	14.1	22.2	37.7	106		-	-		75-125	-		20
Lead, Total	19.7	58.8	80.0	103		-	-		75-125	-		20
Selenium, Total	0.405J	13.3	11.4	86		-	-		75-125	-		20
Silver, Total	ND	5.54	5.93	107		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1925495-3 QC Sample: L2427857-01 Client ID: MS Sample												
Mercury, Total	0.337	1.57	1.86	97		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427923

Report Date: 05/28/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1925494-4 QC Sample: L2427009-47 Client ID: DUP Sample						
Arsenic, Total	5.28	6.26	mg/kg	17		20
Lead, Total	19.7	27.2	mg/kg	**32**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1925495-4 QC Sample: L2427857-01 Client ID: DUP Sample						
Mercury, Total	0.337	0.398	mg/kg	17		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427923
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427923-01
Client ID: TSB NW-3 3-5
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 13:10
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	05/21/24 13:34	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427923
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2427923-02
Client ID: TSB NW-4 3-5
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 13:20
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	05/21/24 13:34	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427923

Report Date: 05/28/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1923773-1 QC Sample: L2427880-01 Client ID: DUP Sample						
Solids, Total	85.5	85.3	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427923
Report Date: 05/28/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427923-01A	Glass 60ml unpreserved split	A	NA		2.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2427923-01B	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427923-01C	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7)
L2427923-01X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427923-01Y	Vial Water preserved split	A	NA		2.6	Y	Absent	22-MAY-24 07:53	NYTCL-8260-R2(14)
L2427923-01Z	Vial Water preserved split	A	NA		2.6	Y	Absent	22-MAY-24 07:53	NYTCL-8260-R2(14)
L2427923-02A	Glass 60ml unpreserved split	A	NA		2.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2427923-02B	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427923-02C	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7)
L2427923-02X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427923-02Y	Vial Water preserved split	A	NA		2.6	Y	Absent	22-MAY-24 07:53	NYTCL-8260-R2(14)
L2427923-02Z	Vial Water preserved split	A	NA		2.6	Y	Absent	22-MAY-24 07:53	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427923
Project Number:	4461.0001B002	**Report Date:**	05/28/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427923
Project Number:	4461.0001B002	**Report Date:**	05/28/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427923
Project Number:	4461.0001B002	**Report Date:**	05/28/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427923
Project Number:	4461.0001B002	**Report Date:**	05/28/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/21/24

ALPHA Job #: L2427933

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information

Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project # 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	RCRA Metals	TCL SVOCs	TCL + CP-51 VOCs	Total Bottle	Sample Specific Comments
L2427933-01	TSB NW-3 3-5	5-20-24	1310	Soil	CEH	X	X	X		
-02	TSB NW-4 3-5	5-20-24	1320	Soil	CEH	X	X	X		

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Christa Hochreuter	5-20-24/1445	C. Jungkeit	5-20-24 1445
C. Jungkeit	5-20-24 1447		5/21/24 110

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2427924
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	05/22/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427924
Report Date: 05/22/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2427924-01	TSB B-14 7	SOIL	BUFFALO, NY	05/20/24 12:40	05/20/24
L2427924-02	TSB B-15 7	SOIL	BUFFALO, NY	05/20/24 12:50	05/20/24
L2427924-03	TSB B-17 7	SOIL	BUFFALO, NY	05/20/24 13:00	05/20/24
L2427924-04	TANK 3 B-1 7.5	SOIL	BUFFALO, NY	05/20/24 13:30	05/20/24
L2427924-05	TANK 3 B-2 7.5	SOIL	BUFFALO, NY	05/20/24 13:40	05/20/24
L2427924-06	BLIND DUP	SOIL	BUFFALO, NY	05/20/24 08:00	05/20/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427924
Project Number:	4461.0001B002	**Report Date:**	05/22/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427924
Project Number:	4461.0001B002	**Report Date:**	05/22/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

The WG1924524-5 Method Blank, associated with L2427924-06, has a concentration above the reporting limit for bromomethane. Since the associated sample concentration is non-detect to the RL for this target analyte, no corrective action is required.

Semivolatile Organics

The WG1923604-4/-5 MS/MSD recoveries, performed on L2427924-05, are below the acceptance criteria for biphenyl (0%/0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.

Total Metals

L2427924-01 through -06: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1923698-3/-4 MS/MSD recoveries, performed on L2427924-05, are outside the acceptance criteria for arsenic (131%/134%). A post digestion spike was performed and was within acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 05/22/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-01
Client ID: TSB B-14 7
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 12:40
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/21/24 22:07
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	0.68	J	ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-01 Date Collected: 05/20/24 12:40

Client ID: TSB B-14 7 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	91	40.	1
Freon-113	ND		ug/kg	4.6	0.79	1
Methyl cyclohexane	ND		ug/kg	4.6	0.69	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	104		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-02
Client ID: TSB B-15 7
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 12:50
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/21/24 15:54
Analyst: RAW
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	1.1	J	ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	0.22	J	ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.54	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.49	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-02 Date Collected: 05/20/24 12:50

Client ID: TSB B-15 7 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	ND		ug/kg	9.8	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.3	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.28	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.98	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
Methyl Acetate	ND		ug/kg	3.9	0.94	1
Cyclohexane	ND		ug/kg	9.8	0.54	1
1,4-Dioxane	ND		ug/kg	79	35.	1
Freon-113	ND		ug/kg	3.9	0.68	1
Methyl cyclohexane	ND		ug/kg	3.9	0.59	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	111		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-03
Client ID: TSB B-17 7
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 13:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/21/24 16:20
Analyst: RAW
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	0.76		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-03 Date Collected: 05/20/24 13:00

Client ID: TSB B-17 7 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	6.6	J	ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
Methyl Acetate	ND		ug/kg	4.0	0.96	1
Cyclohexane	ND		ug/kg	10	0.55	1
1,4-Dioxane	ND		ug/kg	81	35.	1
Freon-113	ND		ug/kg	4.0	0.70	1
Methyl cyclohexane	ND		ug/kg	4.0	0.61	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	112		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-04
Client ID: TANK 3 B-1 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 13:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/21/24 22:33
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.9	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	0.93	J	ug/kg	2.1	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.69	0.27	1
Chlorobenzene	ND		ug/kg	0.69	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.96	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.69	0.23	1
Bromodichloromethane	0.21	J	ug/kg	0.69	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.69	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.69	0.23	1
Benzene	ND		ug/kg	0.69	0.23	1
Toluene	ND		ug/kg	1.4	0.75	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.8	0.80	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.8	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1
Trichloroethene	ND		ug/kg	0.69	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-04 Date Collected: 05/20/24 13:30

Client ID: TANK 3 B-1 7.5 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.77	1
o-Xylene	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.3	1
2-Butanone	ND		ug/kg	14	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.46	1
Methyl Acetate	ND		ug/kg	5.5	1.3	1
Cyclohexane	ND		ug/kg	14	0.75	1
1,4-Dioxane	ND		ug/kg	110	48.	1
Freon-113	ND		ug/kg	5.5	0.95	1
Methyl cyclohexane	ND		ug/kg	5.5	0.83	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	109		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-05
Client ID: TANK 3 B-2 7.5
Sample Location: BUFFALO, NY
Date Collected: 05/20/24 13:40
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/21/24 17:13
Analyst: RAW
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.9	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.69	0.27	1
Chlorobenzene	ND		ug/kg	0.69	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.96	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.69	0.23	1
Bromodichloromethane	ND		ug/kg	0.69	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.69	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.69	0.23	1
Benzene	ND		ug/kg	0.69	0.23	1
Toluene	ND		ug/kg	1.4	0.75	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.8	0.80	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.8	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1
Trichloroethene	ND		ug/kg	0.69	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-05 Date Collected: 05/20/24 13:40

Client ID: TANK 3 B-2 7.5 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.77	1
o-Xylene	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.3	1
2-Butanone	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.46	1
Methyl Acetate	ND		ug/kg	5.5	1.3	1
Cyclohexane	ND		ug/kg	14	0.75	1
1,4-Dioxane	ND		ug/kg	110	48.	1
Freon-113	ND		ug/kg	5.5	0.96	1
Methyl cyclohexane	ND		ug/kg	5.5	0.83	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	113		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-06
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 08:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/22/24 09:50
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	1.0	J	ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	0.72		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-06 Date Collected: 05/20/24 08:00

Client ID: BLIND DUP Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	6.8	J	ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
Methyl Acetate	ND		ug/kg	4.8	1.1	1
Cyclohexane	ND		ug/kg	12	0.65	1
1,4-Dioxane	ND		ug/kg	96	42.	1
Freon-113	ND		ug/kg	4.8	0.83	1
Methyl cyclohexane	ND		ug/kg	4.8	0.72	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/21/24 08:51
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03,05 Batch: WG1924298-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.61	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/21/24 08:51
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03,05 Batch: WG1924298-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/21/24 08:51
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03,05 Batch: WG1924298-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/21/24 21:41
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04 Batch: WG1924436-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/21/24 21:41
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04 Batch: WG1924436-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	0.44	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	0.28	J	ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/21/24 21:41
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04 Batch: WG1924436-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	100		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/22/24 08:55
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1924524-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.24	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	2.2		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/22/24 08:55
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1924524-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	0.18	J	ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/22/24 08:55
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG1924524-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427924

Report Date: 05/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05 Batch: WG1924298-3 WG1924298-4								
Methylene chloride	88		89		70-130	1		30
1,1-Dichloroethane	87		88		70-130	1		30
Chloroform	97		98		70-130	1		30
Carbon tetrachloride	100		103		70-130	3		30
1,2-Dichloropropane	88		89		70-130	1		30
Dibromochloromethane	94		94		70-130	0		30
1,1,2-Trichloroethane	96		96		70-130	0		30
Tetrachloroethene	96		97		70-130	1		30
Chlorobenzene	90		91		70-130	1		30
Trichlorofluoromethane	106		108		70-139	2		30
1,2-Dichloroethane	83		85		70-130	2		30
1,1,1-Trichloroethane	103		105		70-130	2		30
Bromodichloromethane	98		100		70-130	2		30
trans-1,3-Dichloropropene	102		102		70-130	0		30
cis-1,3-Dichloropropene	104		105		70-130	1		30
Bromoform	93		95		70-130	2		30
1,1,2,2-Tetrachloroethane	90		90		70-130	0		30
Benzene	100		102		70-130	2		30
Toluene	94		96		70-130	2		30
Ethylbenzene	96		98		70-130	2		30
Chloromethane	72		74		52-130	3		30
Bromomethane	114		115		57-147	1		30
Vinyl chloride	106		108		67-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427924

Report Date: 05/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05 Batch: WG1924298-3 WG1924298-4								
Chloroethane	104		106		50-151	2		30
1,1-Dichloroethene	100		103		65-135	3		30
trans-1,2-Dichloroethene	94		96		70-130	2		30
Trichloroethene	101		102		70-130	1		30
1,2-Dichlorobenzene	89		90		70-130	1		30
1,3-Dichlorobenzene	89		88		70-130	1		30
1,4-Dichlorobenzene	88		89		70-130	1		30
Methyl tert butyl ether	99		100		66-130	1		30
p/m-Xylene	98		100		70-130	2		30
o-Xylene	95		97		70-130	2		30
cis-1,2-Dichloroethene	92		93		70-130	1		30
Styrene	97		99		70-130	2		30
Dichlorodifluoromethane	122		126		30-146	3		30
Acetone	62		64		54-140	3		30
Carbon disulfide	98		100		59-130	2		30
2-Butanone	**66**	Q	**69**	Q	70-130	4		30
4-Methyl-2-pentanone	79		80		70-130	1		30
2-Hexanone	**69**	Q	70		70-130	1		30
Bromochloromethane	92		94		70-130	2		30
1,2-Dibromoethane	88		90		70-130	2		30
n-Butylbenzene	100		100		70-130	0		30
sec-Butylbenzene	95		96		70-130	1		30
1,2-Dibromo-3-chloropropane	86		87		68-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427924

Report Date: 05/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05 Batch: WG1924298-3 WG1924298-4								
Isopropylbenzene	93		94		70-130	1		30
p-Isopropyltoluene	94		96		70-130	2		30
n-Propylbenzene	95		96		70-130	1		30
1,2,3-Trichlorobenzene	105		106		70-130	1		30
1,2,4-Trichlorobenzene	104		103		70-130	1		30
1,3,5-Trimethylbenzene	92		92		70-130	0		30
1,2,4-Trimethylbenzene	92		92		70-130	0		30
Methyl Acetate	67		71		51-146	6		30
Cyclohexane	86		88		59-142	2		30
1,4-Dioxane	86		90		65-136	5		30
Freon-113	104		107		50-139	3		30
Methyl cyclohexane	94		97		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		94		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	98		97		70-130
Dibromofluoromethane	97		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427924

Report Date: 05/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG1924436-3 WG1924436-4								
Methylene chloride	96		89		70-130	8		30
1,1-Dichloroethane	101		94		70-130	7		30
Chloroform	93		88		70-130	6		30
Carbon tetrachloride	94		87		70-130	8		30
1,2-Dichloropropane	102		98		70-130	4		30
Dibromochloromethane	94		93		70-130	1		30
1,1,2-Trichloroethane	92		90		70-130	2		30
Tetrachloroethene	102		93		70-130	9		30
Chlorobenzene	102		96		70-130	6		30
Trichlorofluoromethane	106		92		70-139	14		30
1,2-Dichloroethane	90		90		70-130	0		30
1,1,1-Trichloroethane	97		90		70-130	7		30
Bromodichloromethane	92		90		70-130	2		30
trans-1,3-Dichloropropene	96		95		70-130	1		30
cis-1,3-Dichloropropene	101		98		70-130	3		30
Bromoform	87		88		70-130	1		30
1,1,2,2-Tetrachloroethane	89		90		70-130	1		30
Benzene	105		98		70-130	7		30
Toluene	100		92		70-130	8		30
Ethylbenzene	101		94		70-130	7		30
Chloromethane	84		75		52-130	11		30
Bromomethane	121		109		57-147	10		30
Vinyl chloride	112		96		67-130	15		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427924

Report Date: 05/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG1924436-3 WG1924436-4								
Chloroethane	117		106		50-151	10		30
1,1-Dichloroethene	104		92		65-135	12		30
trans-1,2-Dichloroethene	102		93		70-130	9		30
Trichloroethene	100		93		70-130	7		30
1,2-Dichlorobenzene	103		98		70-130	5		30
1,3-Dichlorobenzene	104		99		70-130	5		30
1,4-Dichlorobenzene	103		97		70-130	6		30
Methyl tert butyl ether	96		95		66-130	1		30
p/m-Xylene	103		97		70-130	6		30
o-Xylene	101		96		70-130	5		30
cis-1,2-Dichloroethene	98		94		70-130	4		30
Styrene	105		99		70-130	6		30
Dichlorodifluoromethane	101		86		30-146	16		30
Acetone	77		79		54-140	3		30
Carbon disulfide	102		91		59-130	11		30
2-Butanone	**69**	Q	81		70-130	16		30
4-Methyl-2-pentanone	94		97		70-130	3		30
2-Hexanone	78		79		70-130	1		30
Bromochloromethane	100		96		70-130	4		30
1,2-Dibromoethane	92		92		70-130	0		30
n-Butylbenzene	108		99		70-130	9		30
sec-Butylbenzene	104		96		70-130	8		30
1,2-Dibromo-3-chloropropane	89		91		68-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427924

Report Date: 05/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG1924436-3 WG1924436-4								
Isopropylbenzene	103		95		70-130	8		30
p-Isopropyltoluene	107		99		70-130	8		30
n-Propylbenzene	102		95		70-130	7		30
1,2,3-Trichlorobenzene	108		105		70-130	3		30
1,2,4-Trichlorobenzene	115		111		70-130	4		30
1,3,5-Trimethylbenzene	100		93		70-130	7		30
1,2,4-Trimethylbenzene	101		96		70-130	5		30
Methyl Acetate	74		75		51-146	1		30
Cyclohexane	102		92		59-142	10		30
1,4-Dioxane	114		122		65-136	7		30
Freon-113	112		99		50-139	12		30
Methyl cyclohexane	105		96		70-130	9		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		89		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	96		96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427924

Report Date: 05/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1924524-3 WG1924524-4								
Methylene chloride	87		85		70-130	2		30
1,1-Dichloroethane	94		91		70-130	3		30
Chloroform	93		94		70-130	1		30
Carbon tetrachloride	98		92		70-130	6		30
1,2-Dichloropropane	89		89		70-130	0		30
Dibromochloromethane	94		93		70-130	1		30
1,1,2-Trichloroethane	93		95		70-130	2		30
Tetrachloroethene	112		109		70-130	3		30
Chlorobenzene	100		98		70-130	2		30
Trichlorofluoromethane	100		91		70-139	9		30
1,2-Dichloroethane	88		88		70-130	0		30
1,1,1-Trichloroethane	102		97		70-130	5		30
Bromodichloromethane	89		88		70-130	1		30
trans-1,3-Dichloropropene	99		98		70-130	1		30
cis-1,3-Dichloropropene	93		93		70-130	0		30
Bromoform	87		87		70-130	0		30
1,1,2,2-Tetrachloroethane	89		89		70-130	0		30
Benzene	95		92		70-130	3		30
Toluene	97		92		70-130	5		30
Ethylbenzene	100		97		70-130	3		30
Chloromethane	93		84		52-130	10		30
Bromomethane	85		79		57-147	7		30
Vinyl chloride	96		87		67-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427924

Report Date: 05/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1924524-3 WG1924524-4								
Chloroethane	97		88		50-151	10		30
1,1-Dichloroethene	95		88		65-135	8		30
trans-1,2-Dichloroethene	103		99		70-130	4		30
Trichloroethene	102		98		70-130	4		30
1,2-Dichlorobenzene	103		101		70-130	2		30
1,3-Dichlorobenzene	104		103		70-130	1		30
1,4-Dichlorobenzene	103		101		70-130	2		30
Methyl tert butyl ether	111		112		66-130	1		30
p/m-Xylene	100		98		70-130	2		30
o-Xylene	100		96		70-130	4		30
cis-1,2-Dichloroethene	97		93		70-130	4		30
Styrene	101		98		70-130	3		30
Dichlorodifluoromethane	104		91		30-146	13		30
Acetone	84		86		54-140	2		30
Carbon disulfide	92		84		59-130	9		30
2-Butanone	78		78		70-130	0		30
4-Methyl-2-pentanone	88		92		70-130	4		30
2-Hexanone	86		91		70-130	6		30
Bromochloromethane	92		90		70-130	2		30
1,2-Dibromoethane	96		96		70-130	0		30
n-Butylbenzene	106		101		70-130	5		30
sec-Butylbenzene	101		96		70-130	5		30
1,2-Dibromo-3-chloropropane	89		93		68-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427924

Report Date: 05/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG1924524-3 WG1924524-4								
Isopropylbenzene	100		95		70-130	5		30
p-Isopropyltoluene	103		99		70-130	4		30
n-Propylbenzene	100		97		70-130	3		30
1,2,3-Trichlorobenzene	102		103		70-130	1		30
1,2,4-Trichlorobenzene	109		108		70-130	1		30
1,3,5-Trimethylbenzene	100		96		70-130	4		30
1,2,4-Trimethylbenzene	100		98		70-130	2		30
Methyl Acetate	93		97		51-146	4		30
Cyclohexane	95		90		59-142	5		30
1,4-Dioxane	93		100		65-136	7		30
Freon-113	97		90		50-139	7		30
Methyl cyclohexane	95		91		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		96		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	95		97		70-130
Dibromofluoromethane	98		96		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427924
Report Date: 05/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05 QC Batch ID: WG1924298-6 WG1924298-7 QC Sample: L2427924-05 Client ID: TANK 3 B-2 7.5												
Methylene chloride	ND	107	91	85		92	84		70-130	1		30
1,1-Dichloroethane	ND	107	98	92		98	90		70-130	0		30
Chloroform	ND	107	100	95		100	94		70-130	1		30
Carbon tetrachloride	ND	107	110	107		120	108		70-130	3		30
1,2-Dichloropropane	ND	107	87	82		89	81		70-130	1		30
Dibromochloromethane	ND	107	87	82		86	79		70-130	1		30
1,1,2-Trichloroethane	ND	107	91	85		89	81		70-130	2		30
Tetrachloroethene	ND	107	73	**69**	Q	77	70		70-130	5		30
Chlorobenzene	ND	107	66	**62**	Q	67	**61**	Q	70-130	1		30
Trichlorofluoromethane	ND	107	140	134		140	132		70-139	1		30
1,2-Dichloroethane	ND	107	91	85		90	83		70-130	1		30
1,1,1-Trichloroethane	ND	107	120	109		120	110		70-130	3		30
Bromodichloromethane	ND	107	98	92		98	90		70-130	0		30
trans-1,3-Dichloropropene	ND	107	90	84		88	81		70-130	2		30
cis-1,3-Dichloropropene	ND	107	92	86		92	84		70-130	1		30
Bromoform	ND	107	82	76		79	72		70-130	3		30
1,1,2,2-Tetrachloroethane	ND	107	75	70		71	**65**	Q	70-130	5		30
Benzene	ND	107	98	92		100	91		70-130	2		30
Toluene	ND	107	82	77		85	77		70-130	3		30
Ethylbenzene	ND	107	70	**65**	Q	72	**66**	Q	70-130	3		30
Chloromethane	ND	107	98	92		100	92		52-130	3		30
Bromomethane	ND	107	120	109		130	114		57-147	7		30
Vinyl chloride	ND	107	130	125		140	129		67-130	5		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427924

Report Date: 05/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05 QC Batch ID: WG1924298-6 WG1924298-7 QC Sample: L2427924-05 Client ID: TANK 3 B-2 7.5												
Chloroethane	ND	107	120	115		120	113		50-151	1		30
1,1-Dichloroethene	ND	107	110	106		120	107		65-135	3		30
trans-1,2-Dichloroethene	ND	107	95	89		97	89		70-130	2		30
Trichloroethene	ND	107	96	90		97	89		70-130	1		30
1,2-Dichlorobenzene	ND	107	49	**46**	Q	45	**41**	Q	70-130	8		30
1,3-Dichlorobenzene	ND	107	46	**43**	Q	43	**39**	Q	70-130	8		30
1,4-Dichlorobenzene	ND	107	45	**42**	Q	42	**38**	Q	70-130	7		30
Methyl tert butyl ether	ND	107	100	94		100	93		66-130	1		30
p/m-Xylene	ND	214	140	**63**	Q	140	**64**	Q	70-130	3		30
o-Xylene	ND	214	140	**64**	Q	140	**62**	Q	70-130	0		30
cis-1,2-Dichloroethene	ND	107	91	85		92	84		70-130	2		30
Styrene	ND	214	140	**63**	Q	130	**61**	Q	70-130	1		30
Dichlorodifluoromethane	ND	107	170	**163**	Q	180	**164**	Q	30-146	3		30
Acetone	ND	107	83	77		80	73		54-140	3		30
Carbon disulfide	ND	107	110	98		110	99		59-130	3		30
2-Butanone	ND	107	78	73		77	70		70-130	2		30
4-Methyl-2-pentanone	ND	107	81	75		81	74		70-130	0		30
2-Hexanone	ND	107	74	**69**	Q	72	**66**	Q	70-130	2		30
Bromochloromethane	ND	107	91	85		90	83		70-130	0		30
1,2-Dibromoethane	ND	107	78	73		76	**69**	Q	70-130	2		30
n-Butylbenzene	ND	107	41	**38**	Q	38	**34**	Q	70-130	8		30
sec-Butylbenzene	ND	107	49	**46**	Q	49	**44**	Q	70-130	0		30
1,2-Dibromo-3-chloropropane	ND	107	72	**67**	Q	65	**59**	Q	68-130	10		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427924
Report Date: 05/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05 QC Batch ID: WG1924298-6 WG1924298-7 QC Sample: L2427924-05 Client ID: TANK 3 B-2 7.5												
Isopropylbenzene	ND	107	60	**56**	Q	61	**56**	Q	70-130	3		30
p-Isopropyltoluene	ND	107	44	**41**	Q	43	**40**	Q	70-130	2		30
n-Propylbenzene	ND	107	52	**49**	Q	53	**49**	Q	70-130	2		30
1,2,3-Trichlorobenzene	ND	107	40	**37**	Q	32	**30**	Q	70-130	20		30
1,2,4-Trichlorobenzene	ND	107	37	**35**	Q	30	**28**	Q	70-130	20		30
1,3,5-Trimethylbenzene	ND	107	51	**48**	Q	51	**47**	Q	70-130	0		30
1,2,4-Trimethylbenzene	ND	107	49	**46**	Q	48	**44**	Q	70-130	2		30
Methyl Acetate	ND	107	140	134		130	120		51-146	9		30
Cyclohexane	ND	107	100	93		100	92		59-142	1		30
1,4-Dioxane	ND	5340	5000	94		5100	93		65-136	2		30
Freon-113	ND	107	130	120		130	116		50-139	1		30
Methyl cyclohexane	ND	107	92	86		95	87		70-130	2		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		112		70-130
4-Bromofluorobenzene	94		96		70-130
Dibromofluoromethane	104		104		70-130
Toluene-d8	101		101		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-01
Client ID: TSB B-14 7
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 12:40
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/21/24 15:56
Analyst: JG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 03:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-01 Date Collected: 05/20/24 12:40

Client ID: TSB B-14 7 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-01 Date Collected: 05/20/24 12:40

Client ID: TSB B-14 7 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	49		10-136
4-Terphenyl-d14	48		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-02
Client ID: TSB B-15 7
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 12:50
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/21/24 16:19
Analyst: JG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 03:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-02 Date Collected: 05/20/24 12:50

Client ID: TSB B-15 7 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-02 Date Collected: 05/20/24 12:50

Client ID: TSB B-15 7 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	60		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-03
Client ID: TSB B-17 7
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 13:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/21/24 16:42
Analyst: JG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 03:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-03 Date Collected: 05/20/24 13:00

Client ID: TSB B-17 7 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-03 Date Collected: 05/20/24 13:00

Client ID: TSB B-17 7 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	53		10-136
4-Terphenyl-d14	56		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-04
Client ID: TANK 3 B-1 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 13:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/21/24 17:06
Analyst: JG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 03:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-04 Date Collected: 05/20/24 13:30

Client ID: TANK 3 B-1 7.5 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-04 Date Collected: 05/20/24 13:30

Client ID: TANK 3 B-1 7.5 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	45		10-136
4-Terphenyl-d14	48		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-05
Client ID: TANK 3 B-2 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 13:40
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/21/24 15:37
Analyst: JG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 03:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-05 Date Collected: 05/20/24 13:40

Client ID: TANK 3 B-2 7.5 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-05 Date Collected: 05/20/24 13:40

Client ID: TANK 3 B-2 7.5 Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	117		10-136
4-Terphenyl-d14	89		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-06
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 08:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/21/24 17:29
Analyst: JG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/21/24 03:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-06 Date Collected: 05/20/24 08:00

Client ID: BLIND DUP Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-06 Date Collected: 05/20/24 08:00

Client ID: BLIND DUP Date Received: 05/20/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	53		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/21/24 10:23
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/21/24 03:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1923604-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/21/24 10:23
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/21/24 03:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1923604-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/21/24 10:23
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/21/24 03:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1923604-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	74		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427924

Report Date: 05/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1923604-2 WG1923604-3								
Acenaphthene	58		60		31-137	3		50
Hexachlorobenzene	76		78		40-140	3		50
Bis(2-chloroethyl)ether	49		48		40-140	2		50
2-Chloronaphthalene	62		64		40-140	3		50
3,3'-Dichlorobenzidine	47		52		40-140	10		50
2,4-Dinitrotoluene	68		70		40-132	3		50
2,6-Dinitrotoluene	76		77		40-140	1		50
Fluoranthene	60		63		40-140	5		50
4-Chlorophenyl phenyl ether	62		64		40-140	3		50
4-Bromophenyl phenyl ether	70		72		40-140	3		50
Bis(2-chloroisopropyl)ether	**35**	Q	**35**	Q	40-140	0		50
Bis(2-chloroethoxy)methane	53		54		40-117	2		50
Hexachlorobutadiene	62		62		40-140	0		50
Hexachlorocyclopentadiene	98		100		40-140	2		50
Hexachloroethane	53		52		40-140	2		50
Isophorone	52		54		40-140	4		50
Naphthalene	54		54		40-140	0		50
Nitrobenzene	52		52		40-140	0		50
NDPA/DPA	62		64		36-157	3		50
n-Nitrosodi-n-propylamine	52		53		32-121	2		50
Bis(2-ethylhexyl)phthalate	63		64		40-140	2		50
Butyl benzyl phthalate	67		70		40-140	4		50
Di-n-butylphthalate	62		65		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427924

Report Date: 05/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1923604-2 WG1923604-3								
Di-n-octylphthalate	64		67		40-140	5		50
Diethyl phthalate	62		65		40-140	5		50
Dimethyl phthalate	67		69		40-140	3		50
Benzo(a)anthracene	56		58		40-140	4		50
Benzo(a)pyrene	62		64		40-140	3		50
Benzo(b)fluoranthene	61		62		40-140	2		50
Benzo(k)fluoranthene	62		63		40-140	2		50
Chrysene	57		58		40-140	2		50
Acenaphthylene	64		66		40-140	3		50
Anthracene	59		62		40-140	5		50
Benzo(ghi)perylene	58		60		40-140	3		50
Fluorene	60		61		40-140	2		50
Phenanthrene	57		60		40-140	5		50
Dibenzo(a,h)anthracene	58		60		40-140	3		50
Indeno(1,2,3-cd)pyrene	60		61		40-140	2		50
Pyrene	59		61		35-142	3		50
Biphenyl	57		58		37-127	2		50
4-Chloroaniline	45		47		40-140	4		50
2-Nitroaniline	73		77		47-134	5		50
3-Nitroaniline	53		57		26-129	7		50
4-Nitroaniline	60		63		41-125	5		50
Dibenzofuran	58		60		40-140	3		50
2-Methylnaphthalene	61		62		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427924

Report Date: 05/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1923604-2 WG1923604-3								
1,2,4,5-Tetrachlorobenzene	58		58		40-117	0		50
Acetophenone	50		50		14-144	0		50
2,4,6-Trichlorophenol	71		74		30-130	4		50
p-Chloro-m-cresol	66		66		26-103	0		50
2-Chlorophenol	56		57		25-102	2		50
2,4-Dichlorophenol	64		66		30-130	3		50
2,4-Dimethylphenol	72		74		30-130	3		50
2-Nitrophenol	70		72		30-130	3		50
4-Nitrophenol	59		60		11-114	2		50
2,4-Dinitrophenol	79		76		4-130	4		50
4,6-Dinitro-o-cresol	80		82		10-130	2		50
Pentachlorophenol	88		90		17-109	2		50
Phenol	53		50		26-90	6		50
2-Methylphenol	58		58		30-130.	0		50
3-Methylphenol/4-Methylphenol	58		59		30-130	2		50
2,4,5-Trichlorophenol	72		73		30-130	1		50
Carbazole	58		60		54-128	3		50
Atrazine	59		62		40-140	5		50
Benzaldehyde	47		46		40-140	2		50
Caprolactam	45		45		15-130	0		50
2,3,4,6-Tetrachlorophenol	69		72		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427924

Report Date: 05/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1923604-2 WG1923604-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	50		51		25-120
Phenol-d6	50		52		10-120
Nitrobenzene-d5	50		52		23-120
2-Fluorobiphenyl	58		61		30-120
2,4,6-Tribromophenol	82		88		10-136
4-Terphenyl-d14	60		63		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427924

Report Date: 05/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1923604-4 WG1923604-5 QC Sample: L2427924-05 Client ID: TANK 3 B-2 7.5												
Acenaphthene	ND	1500	1100	73		970	64		31-137	13		50
Hexachlorobenzene	ND	1500	1400	93		1200	79		40-140	15		50
Bis(2-chloroethyl)ether	ND	1500	910	61		780	52		40-140	15		50
2-Chloronaphthalene	ND	1500	1200	80		1000	66		40-140	18		50
3,3'-Dichlorobenzidine	ND	1500	1100	73		980	65		40-140	12		50
2,4-Dinitrotoluene	ND	1500	1100	73		950	63		40-132	15		50
2,6-Dinitrotoluene	ND	1500	1200	80		1100	73		40-140	9		50
Fluoranthene	ND	1500	1200	80		1000	66		40-140	18		50
4-Chlorophenyl phenyl ether	ND	1500	1200	80		1000	66		40-140	18		50
4-Bromophenyl phenyl ether	ND	1500	1300	87		1200	79		40-140	8		50
Bis(2-chloroisopropyl)ether	ND	1500	690	46		600	40		40-140	14		50
Bis(2-chloroethoxy)methane	ND	1500	990	66		870	58		40-117	13		50
Hexachlorobutadiene	ND	1500	1200	80		1000	66		40-140	18		50
Hexachlorocyclopentadiene	ND	1500	460J	**31**	Q	340J	**22**	Q	40-140	30		50
Hexachloroethane	ND	1500	810	54		690	46		40-140	16		50
Isophorone	ND	1500	980	65		870	58		40-140	12		50
Naphthalene	ND	1500	1000	67		890	59		40-140	12		50
Nitrobenzene	ND	1500	980	65		850	56		40-140	14		50
NDPA/DPA	ND	1500	1200	80		1000	66		36-157	18		50
n-Nitrosodi-n-propylamine	ND	1500	940	63		830	55		32-121	12		50
Bis(2-ethylhexyl)phthalate	ND	1500	1200	80		1100	73		40-140	9		50
Butyl benzyl phthalate	ND	1500	1300	87		1100	73		40-140	17		50
Di-n-butylphthalate	ND	1500	1200	80		1000	66		40-140	18		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427924
Report Date: 05/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1923604-4 WG1923604-5 QC Sample: L2427924-05 Client ID: TANK 3 B-2 7.5												
Di-n-octylphthalate	ND	1500	1300	87		1200	79		40-140	8		50
Diethyl phthalate	ND	1500	1200	80		1000	66		40-140	18		50
Dimethyl phthalate	ND	1500	1200	80		1000	66		40-140	18		50
Benzo(a)anthracene	ND	1500	1100	73		980	65		40-140	12		50
Benzo(a)pyrene	ND	1500	1200	80		1000	66		40-140	18		50
Benzo(b)fluoranthene	ND	1500	1200	80		1000	66		40-140	18		50
Benzo(k)fluoranthene	ND	1500	1200	80		990	65		40-140	19		50
Chrysene	ND	1500	1100	73		970	64		40-140	13		50
Acenaphthylene	ND	1500	1200	80		1000	66		40-140	18		50
Anthracene	ND	1500	1200	80		1000	66		40-140	18		50
Benzo(ghi)perylene	ND	1500	1000	67		960	64		40-140	4		50
Fluorene	ND	1500	1200	80		1000	66		40-140	18		50
Phenanthrene	ND	1500	1100	73		980	65		40-140	12		50
Dibenzo(a,h)anthracene	ND	1500	1100	73		960	64		40-140	14		50
Indeno(1,2,3-cd)pyrene	ND	1500	1200	80		990	65		40-140	19		50
Pyrene	ND	1500	1200	80		1000	66		35-142	18		50
Biphenyl	ND	1500	ND	**0**	Q	ND	**0**	Q	37-127	NC		50
4-Chloroaniline	ND	1500	1000	67		790	52		40-140	23		50
2-Nitroaniline	ND	1500	1400	93		1200	79		47-134	15		50
3-Nitroaniline	ND	1500	1300	87		1100	73		26-129	17		50
4-Nitroaniline	ND	1500	1300	87		1100	73		41-125	17		50
Dibenzofuran	ND	1500	1100	73		980	65		40-140	12		50
2-Methylnaphthalene	ND	1500	1200	80		1000	66		40-140	18		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427924
Report Date: 05/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1923604-4 WG1923604-5 QC Sample: L2427924-05 Client ID: TANK 3 B-2 7.5												
1,2,4,5-Tetrachlorobenzene	ND	1500	1100	73		970	64		40-117	13		50
Acetophenone	ND	1500	940	63		830	55		14-144	12		50
2,4,6-Trichlorophenol	ND	1500	1400	93		1200	79		30-130	15		50
p-Chloro-m-cresol	ND	1500	1200	80		1000	66		26-103	18		50
2-Chlorophenol	ND	1500	1100	73		970	64		25-102	13		50
2,4-Dichlorophenol	ND	1500	1200	80		1100	73		30-130	9		50
2,4-Dimethylphenol	ND	1500	1300	87		1100	73		30-130	17		50
2-Nitrophenol	ND	1500	1000	67		910	60		30-130	9		50
4-Nitrophenol	ND	1500	940	63		810	54		11-114	15		50
2,4-Dinitrophenol	ND	1500	160J	11		180J	12		4-130	12		50
4,6-Dinitro-o-cresol	ND	1500	240J	16		260J	17		10-130	8		50
Pentachlorophenol	ND	1500	1300	87		1100	73		17-109	17		50
Phenol	ND	1500	920	61		800	53		26-90	14		50
2-Methylphenol	ND	1500	1100	73		940	62		30-130.	16		50
3-Methylphenol/4-Methylphenol	ND	1500	1100	73		940	62		30-130	16		50
2,4,5-Trichlorophenol	ND	1500	1400	93		1200	79		30-130	15		50
Carbazole	ND	1500	1100	73		980	65		54-128	12		50
Atrazine	ND	1500	1100	73		920	61		40-140	18		50
Benzaldehyde	ND	1500	930	62		780	52		40-140	18		50
Caprolactam	ND	1500	800	53		700	46		15-130	13		50
2,3,4,6-Tetrachlorophenol	ND	1500	1300	87		1100	73		40-140	17		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427924
Report Date: 05/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1923604-4 WG1923604-5 QC Sample: L2427924-05 Client ID: TANK 3 B-2 7.5

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	101		86		10-136
2-Fluorobiphenyl	73		64		30-120
2-Fluorophenol	63		56		25-120
4-Terphenyl-d14	77		65		18-120
Nitrobenzene-d5	64		55		23-120
Phenol-d6	62		55		10-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-01
Client ID: TSB B-14 7
Sample Location: BUFFALO, NY
Date Collected: 05/20/24 12:40
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.43		mg/kg	0.898	0.187	2	05/21/24 23:58	05/22/24 08:04	EPA 3050B	1,6010D	MAM
Barium, Total	42.5		mg/kg	0.898	0.156	2	05/21/24 23:58	05/22/24 08:04	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.241	J	mg/kg	0.898	0.088	2	05/21/24 23:58	05/22/24 08:04	EPA 3050B	1,6010D	MAM
Chromium, Total	6.57		mg/kg	0.898	0.086	2	05/21/24 23:58	05/22/24 08:04	EPA 3050B	1,6010D	MAM
Lead, Total	13.3		mg/kg	4.49	0.241	2	05/21/24 23:58	05/22/24 08:04	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.085	0.055	1	05/22/24 00:35	05/22/24 09:21	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.80	0.232	2	05/21/24 23:58	05/22/24 08:04	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.449	0.254	2	05/21/24 23:58	05/22/24 08:04	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-02
Client ID: TSB B-15 7
Sample Location: BUFFALO, NY
Date Collected: 05/20/24 12:50
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.51		mg/kg	0.925	0.192	2	05/21/24 23:58	05/22/24 08:45	EPA 3050B	1,6010D	MAM
Barium, Total	45.5		mg/kg	0.925	0.161	2	05/21/24 23:58	05/22/24 08:45	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.200	J	mg/kg	0.925	0.091	2	05/21/24 23:58	05/22/24 08:45	EPA 3050B	1,6010D	MAM
Chromium, Total	7.88		mg/kg	0.925	0.089	2	05/21/24 23:58	05/22/24 08:45	EPA 3050B	1,6010D	MAM
Lead, Total	12.9		mg/kg	4.62	0.248	2	05/21/24 23:58	05/22/24 08:45	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.084	0.055	1	05/22/24 00:35	05/22/24 09:24	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.85	0.238	2	05/21/24 23:58	05/22/24 08:45	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.462	0.262	2	05/21/24 23:58	05/22/24 08:45	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-03
Client ID: TSB B-17 7
Sample Location: BUFFALO, NY
Date Collected: 05/20/24 13:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.31		mg/kg	0.906	0.188	2	05/21/24 23:58	05/22/24 08:49	EPA 3050B	1,6010D	MAM
Barium, Total	64.8		mg/kg	0.906	0.158	2	05/21/24 23:58	05/22/24 08:49	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.233	J	mg/kg	0.906	0.089	2	05/21/24 23:58	05/22/24 08:49	EPA 3050B	1,6010D	MAM
Chromium, Total	9.62		mg/kg	0.906	0.087	2	05/21/24 23:58	05/22/24 08:49	EPA 3050B	1,6010D	MAM
Lead, Total	14.3		mg/kg	4.53	0.243	2	05/21/24 23:58	05/22/24 08:49	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.087	0.057	1	05/22/24 00:35	05/22/24 09:34	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.81	0.234	2	05/21/24 23:58	05/22/24 08:49	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.453	0.256	2	05/21/24 23:58	05/22/24 08:49	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-04
Client ID: TANK 3 B-1 7.5
Sample Location: BUFFALO, NY
Date Collected: 05/20/24 13:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.72		mg/kg	0.913	0.190	2	05/21/24 23:58	05/22/24 08:53	EPA 3050B	1,6010D	MAM
Barium, Total	68.2		mg/kg	0.913	0.159	2	05/21/24 23:58	05/22/24 08:53	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.249	J	mg/kg	0.913	0.090	2	05/21/24 23:58	05/22/24 08:53	EPA 3050B	1,6010D	MAM
Chromium, Total	9.02		mg/kg	0.913	0.088	2	05/21/24 23:58	05/22/24 08:53	EPA 3050B	1,6010D	MAM
Lead, Total	12.8		mg/kg	4.56	0.245	2	05/21/24 23:58	05/22/24 08:53	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.088	0.057	1	05/22/24 00:35	05/22/24 09:37	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.83	0.236	2	05/21/24 23:58	05/22/24 08:53	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.456	0.258	2	05/21/24 23:58	05/22/24 08:53	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-05
Client ID: TANK 3 B-2 7.5
Sample Location: BUFFALO, NY
Date Collected: 05/20/24 13:40
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.31		mg/kg	0.882	0.183	2	05/21/24 23:58	05/22/24 08:08	EPA 3050B	1,6010D	MAM
Barium, Total	42.9		mg/kg	0.882	0.153	2	05/21/24 23:58	05/22/24 08:08	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.214	J	mg/kg	0.882	0.086	2	05/21/24 23:58	05/22/24 08:08	EPA 3050B	1,6010D	MAM
Chromium, Total	9.32		mg/kg	0.882	0.085	2	05/21/24 23:58	05/22/24 08:08	EPA 3050B	1,6010D	MAM
Lead, Total	15.1		mg/kg	4.41	0.236	2	05/21/24 23:58	05/22/24 08:08	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.080	0.052	1	05/22/24 00:35	05/22/24 09:07	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.76	0.227	2	05/21/24 23:58	05/22/24 08:08	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.441	0.249	2	05/21/24 23:58	05/22/24 08:08	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Lab Number: L2427924
Project Number: 4461.0001B002
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-06
Client ID: BLIND DUP
Sample Location: BUFFALO, NY
Date Collected: 05/20/24 08:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.47		mg/kg	0.904	0.188	2	05/21/24 23:58	05/22/24 08:57	EPA 3050B	1,6010D	MAM
Barium, Total	37.3		mg/kg	0.904	0.157	2	05/21/24 23:58	05/22/24 08:57	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.204	J	mg/kg	0.904	0.089	2	05/21/24 23:58	05/22/24 08:57	EPA 3050B	1,6010D	MAM
Chromium, Total	6.67		mg/kg	0.904	0.087	2	05/21/24 23:58	05/22/24 08:57	EPA 3050B	1,6010D	MAM
Lead, Total	10.8		mg/kg	4.52	0.242	2	05/21/24 23:58	05/22/24 08:57	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.081	0.053	1	05/22/24 00:35	05/22/24 09:40	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.81	0.233	2	05/21/24 23:58	05/22/24 08:57	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.452	0.256	2	05/21/24 23:58	05/22/24 08:57	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2427924

Project Number: 4461.0001B002 **Report Date:** 05/22/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1923698-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/21/24 23:58	05/22/24 07:49	1,6010D	MAM
Barium, Total	ND		mg/kg	0.400	0.070	1	05/21/24 23:58	05/22/24 07:49	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/21/24 23:58	05/22/24 07:49	1,6010D	MAM
Chromium, Total	ND		mg/kg	0.400	0.038	1	05/21/24 23:58	05/22/24 07:49	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	05/21/24 23:58	05/22/24 07:49	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/21/24 23:58	05/22/24 07:49	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	05/21/24 23:58	05/22/24 07:49	1,6010D	MAM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1923699-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/22/24 00:35	05/22/24 09:01	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427924

Report Date: 05/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1923698-2								
Arsenic, Total	107		-		80-120	-		
Barium, Total	112		-		80-120	-		
Cadmium, Total	116		-		80-120	-		
Chromium, Total	115		-		80-120	-		
Lead, Total	110		-		80-120	-		
Selenium, Total	109		-		80-120	-		
Silver, Total	118		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1923699-2								
Mercury, Total	103		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427924
Report Date: 05/22/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 7.5	QC Batch ID: WG1923698-3					WG1923698-4			QC Sample: L2427924-05			Client ID: TANK 3 B-2
Arsenic, Total	3.31	10.5	17.1	**131**	Q	17.6	**134**	Q	75-125	3		20
Barium, Total	42.9	175	230	107		232	107		75-125	1		20
Cadmium, Total	0.214J	4.64	4.88	105		4.97	106		75-125	2		20
Chromium, Total	9.32	17.5	29.2	113		29.1	112		75-125	0		20
Lead, Total	15.1	46.4	67.0	112		69.3	116		75-125	3		20
Selenium, Total	ND	10.5	11.7	111		12.1	114		75-125	3		20
Silver, Total	ND	4.38	5.26	120		5.35	121		75-125	2		20
Total Metals - Mansfield Lab Associated sample(s): 01-06 7.5	QC Batch ID: WG1923699-3					WG1923699-4			QC Sample: L2427924-05			Client ID: TANK 3 B-2
Mercury, Total	ND	1.65	1.73	105		1.66	102		80-120	4		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2427924
Report Date: 05/22/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1923698-6 QC Sample: L2427924-05 Client ID: TANK 3 B-2 7.5						
Barium, Total	42.9	42.2	mg/kg	2		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-01
Client ID: TSB B-14 7
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 12:40
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	05/21/24 10:35	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-02
Client ID: TSB B-15 7
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 12:50
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	05/21/24 10:35	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-03
Client ID: TSB B-17 7
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 13:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	05/21/24 10:35	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-04
Client ID: TANK 3 B-1 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 13:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	05/21/24 10:35	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-05
Client ID: TANK 3 B-2 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 13:40
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	05/21/24 10:35	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427924
Report Date: 05/22/24

SAMPLE RESULTS

Lab ID: L2427924-06
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 05/20/24 08:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	05/21/24 10:35	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2427924

Report Date: 05/22/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1923755-1 QC Sample: L2427924-05 Client ID: TANK 3 B-2 7.5						
Solids, Total	87.6	87.7	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427924
Report Date: 05/22/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427924-01A	Glass 60ml unpreserved split	A	NA		2.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2427924-01B	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427924-01C	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7)
L2427924-01X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427924-01Y	Vial Water preserved split	A	NA		2.6	Y	Absent	21-MAY-24 06:39	NYTCL-8260-R2(14)
L2427924-01Z	Vial Water preserved split	A	NA		2.6	Y	Absent	21-MAY-24 06:39	NYTCL-8260-R2(14)
L2427924-02A	Glass 60ml unpreserved split	A	NA		2.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2427924-02B	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427924-02C	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7)
L2427924-02X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427924-02Y	Vial Water preserved split	A	NA		2.6	Y	Absent	21-MAY-24 06:39	NYTCL-8260-R2(14)
L2427924-02Z	Vial Water preserved split	A	NA		2.6	Y	Absent	21-MAY-24 06:39	NYTCL-8260-R2(14)
L2427924-03A	Glass 60ml unpreserved split	A	NA		2.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2427924-03B	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427924-03C	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7)
L2427924-03X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427924-03Y	Vial Water preserved split	A	NA		2.6	Y	Absent	21-MAY-24 06:39	NYTCL-8260-R2(14)
L2427924-03Z	Vial Water preserved split	A	NA		2.6	Y	Absent	21-MAY-24 06:39	NYTCL-8260-R2(14)
L2427924-04A	Glass 60ml unpreserved split	A	NA		2.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2427924-04B	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427924
Report Date: 05/22/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427924-04C	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7)
L2427924-04X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427924-04Y	Vial Water preserved split	A	NA		2.6	Y	Absent	21-MAY-24 06:39	NYTCL-8260-R2(14)
L2427924-04Z	Vial Water preserved split	A	NA		2.6	Y	Absent	21-MAY-24 06:39	NYTCL-8260-R2(14)
L2427924-05A	Glass 60ml unpreserved split	A	NA		2.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2427924-05A1	Glass 60ml unpreserved split	A	NA		2.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2427924-05A2	Glass 60ml unpreserved split	A	NA		2.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2427924-05B	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427924-05B1	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427924-05B2	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427924-05C	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7)
L2427924-05C1	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7)
L2427924-05C2	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7)
L2427924-05X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427924-05X1	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427924-05X2	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427924-05Y	Vial Water preserved split	A	NA		2.6	Y	Absent	21-MAY-24 06:39	NYTCL-8260-R2(14)
L2427924-05Y1	Vial Water preserved split	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427924-05Y2	Vial Water preserved split	A	NA		2.6	Y	Absent	21-MAY-24 10:46	NYTCL-8260-R2(14)
L2427924-05Z	Vial Water preserved split	A	NA		2.6	Y	Absent	21-MAY-24 06:39	NYTCL-8260-R2(14)
L2427924-05Z1	Vial Water preserved split	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427924-05Z2	Vial Water preserved split	A	NA		2.6	Y	Absent	21-MAY-24 10:46	NYTCL-8260-R2(14)
L2427924-06A	Glass 60ml unpreserved split	A	NA		2.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2427924-06B	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427924-06C	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427924
Report Date: 05/22/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427924-06X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2427924-06Y	Vial Water preserved split	A	NA		2.6	Y	Absent	21-MAY-24 06:39	NYTCL-8260-R2(14)
L2427924-06Z	Vial Water preserved split	A	NA		2.6	Y	Absent	21-MAY-24 06:39	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427924
Project Number:	4461.0001B002	**Report Date:**	05/22/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427924
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2427924
Project Number:	4461.0001B002	**Report Date:**	05/22/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/21/24

ALPHA Job #: L2427424

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: amunley@rouxinc.com

Project Information
Project Name: 1681-1689 main Street
Project Location: Buffalo, NY
Project # 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☒ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	RCRA Metals	8260s TCL	8270 SIM 1,4-D + TCL	Total Bottle	Sample Specific Comments
27924-01	TSB B-14 7	5/20/24	1240	Soil	CEH	X	X	X		
-02	TSB B-15 7		1250			X	X	X		
-03	TSB B-17 7		1300			X	X	X		
-04	Tank 3 B-1 7.5		1330			X	X	X		
-05	Tank 3 B-2 7.5		1340			X	X	X		
↓	Tank 3 B-2 7.5 MS/MSD		1340			X	X	X		
-06	Blind Dup		0800			X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Chris Hochwarter	5-20-24/1445		5-20-24 1445
C. Munley	5-20-24 1447		5/21/24 110

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2428784
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	05/28/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428784
Report Date: 05/28/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2428784-01	TSB B-10 7	SOIL	BUFFALO, NY	05/23/24 14:00	05/23/24
L2428784-02	TSB B-11 7	SOIL	BUFFALO, NY	05/23/24 14:10	05/23/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2428784
Project Number:	4461.0001B002	**Report Date:**	05/28/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2428784
Project Number:	4461.0001B002	**Report Date:**	05/28/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2428784-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 05/28/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428784
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2428784-01
Client ID: TSB B-10 7
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 14:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/25/24 10:06
Analyst: SZ
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/24/24 04:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428784

Project Number: 4461.0001B002 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2428784-01 Date Collected: 05/23/24 14:00

Client ID: TSB B-10 7 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428784

Project Number: 4461.0001B002 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2428784-01 Date Collected: 05/23/24 14:00

Client ID: TSB B-10 7 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	87		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428784
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2428784-02
Client ID: TSB B-11 7
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 14:10
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/25/24 10:30
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/24/24 04:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428784

Project Number: 4461.0001B002 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2428784-02 Date Collected: 05/23/24 14:10

Client ID: TSB B-11 7 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428784

Project Number: 4461.0001B002 **Report Date:** 05/28/24

SAMPLE RESULTS

Lab ID: L2428784-02 Date Collected: 05/23/24 14:10

Client ID: TSB B-11 7 Date Received: 05/23/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	84		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428784
Report Date: 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/25/24 08:31
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/24/24 01:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1925250-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	60	J	ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428784
Report Date: 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/25/24 08:31
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/24/24 01:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1925250-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428784
Report Date: 05/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/25/24 08:31
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 05/24/24 01:24

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1925250-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	91		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428784

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1925250-2 WG1925250-3								
Acenaphthene	83		84		31-137	1		50
Hexachlorobenzene	86		86		40-140	0		50
Bis(2-chloroethyl)ether	78		81		40-140	4		50
2-Chloronaphthalene	87		89		40-140	2		50
3,3'-Dichlorobenzidine	75		72		40-140	4		50
2,4-Dinitrotoluene	94		95		40-132	1		50
2,6-Dinitrotoluene	97		95		40-140	2		50
Fluoranthene	97		95		40-140	2		50
4-Chlorophenyl phenyl ether	96		96		40-140	0		50
4-Bromophenyl phenyl ether	96		97		40-140	1		50
Bis(2-chloroisopropyl)ether	110		116		40-140	5		50
Bis(2-chloroethoxy)methane	83		88		40-117	6		50
Hexachlorobutadiene	94		95		40-140	1		50
Hexachlorocyclopentadiene	60		60		40-140	0		50
Hexachloroethane	77		79		40-140	3		50
Isophorone	85		88		40-140	3		50
Naphthalene	80		81		40-140	1		50
Nitrobenzene	82		86		40-140	5		50
NDPA/DPA	90		92		36-157	2		50
n-Nitrosodi-n-propylamine	86		91		32-121	6		50
Bis(2-ethylhexyl)phthalate	77		76		40-140	1		50
Butyl benzyl phthalate	93		92		40-140	1		50
Di-n-butylphthalate	100		100		40-140	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428784

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1925250-2 WG1925250-3								
Di-n-octylphthalate	77		77		40-140	0		50
Diethyl phthalate	89		91		40-140	2		50
Dimethyl phthalate	95		95		40-140	0		50
Benzo(a)anthracene	91		93		40-140	2		50
Benzo(a)pyrene	88		89		40-140	1		50
Benzo(b)fluoranthene	87		88		40-140	1		50
Benzo(k)fluoranthene	84		84		40-140	0		50
Chrysene	86		88		40-140	2		50
Acenaphthylene	94		96		40-140	2		50
Anthracene	92		91		40-140	1		50
Benzo(ghi)perylene	93		95		40-140	2		50
Fluorene	89		90		40-140	1		50
Phenanthrene	88		86		40-140	2		50
Dibenzo(a,h)anthracene	92		93		40-140	1		50
Indeno(1,2,3-cd)pyrene	92		94		40-140	2		50
Pyrene	94		93		35-142	1		50
Biphenyl	78		79		37-127	1		50
4-Chloroaniline	69		67		40-140	3		50
2-Nitroaniline	90		91		47-134	1		50
3-Nitroaniline	75		74		26-129	1		50
4-Nitroaniline	82		84		41-125	2		50
Dibenzofuran	87		88		40-140	1		50
2-Methylnaphthalene	88		90		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428784

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1925250-2 WG1925250-3								
1,2,4,5-Tetrachlorobenzene	87		88		40-117	1		50
Acetophenone	76		79		14-144	4		50
2,4,6-Trichlorophenol	104		103		30-130	1		50
p-Chloro-m-cresol	95		95		26-103	0		50
2-Chlorophenol	84		88		25-102	5		50
2,4-Dichlorophenol	89		93		30-130	4		50
2,4-Dimethylphenol	82		85		30-130	4		50
2-Nitrophenol	85		89		30-130	5		50
4-Nitrophenol	102		106		11-114	4		50
2,4-Dinitrophenol	69		73		4-130	6		50
4,6-Dinitro-o-cresol	89		90		10-130	1		50
Pentachlorophenol	84		84		17-109	0		50
Phenol	85		89		26-90	5		50
2-Methylphenol	88		90		30-130.	2		50
3-Methylphenol/4-Methylphenol	84		88		30-130	5		50
2,4,5-Trichlorophenol	105		104		30-130	1		50
Carbazole	90		90		54-128	0		50
Atrazine	88		88		40-140	0		50
Benzaldehyde	66		68		40-140	3		50
Caprolactam	115		115		15-130	0		50
2,3,4,6-Tetrachlorophenol	100		100		40-140	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428784

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1925250-2 WG1925250-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		85		25-120
Phenol-d6	83		88		10-120
Nitrobenzene-d5	80		86		23-120
2-Fluorobiphenyl	85		86		30-120
2,4,6-Tribromophenol	81		83		10-136
4-Terphenyl-d14	89		90		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428784
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2428784-01
Client ID: TSB B-10 7
Sample Location: BUFFALO, NY
Date Collected: 05/23/24 14:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.18		mg/kg	0.889	0.185	2	05/24/24 09:00	05/24/24 17:01	EPA 3050B	1,6010D	JMF
Barium, Total	71.5		mg/kg	0.889	0.155	2	05/24/24 09:00	05/24/24 17:01	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.245	J	mg/kg	0.889	0.087	2	05/24/24 09:00	05/24/24 17:01	EPA 3050B	1,6010D	JMF
Chromium, Total	6.86		mg/kg	0.889	0.085	2	05/24/24 09:00	05/24/24 17:01	EPA 3050B	1,6010D	JMF
Lead, Total	11.2		mg/kg	4.44	0.238	2	05/24/24 09:00	05/24/24 17:01	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.071	0.046	1	05/24/24 10:10	05/24/24 12:57	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.78	0.229	2	05/24/24 09:00	05/24/24 17:01	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.444	0.252	2	05/24/24 09:00	05/24/24 17:01	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2428784
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2428784-02
Client ID: TSB B-11 7
Sample Location: BUFFALO, NY
Date Collected: 05/23/24 14:10
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.64		mg/kg	0.869	0.181	2	05/24/24 09:00	05/24/24 17:05	EPA 3050B	1,6010D	JMF
Barium, Total	33.8		mg/kg	0.869	0.151	2	05/24/24 09:00	05/24/24 17:05	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.226	J	mg/kg	0.869	0.085	2	05/24/24 09:00	05/24/24 17:05	EPA 3050B	1,6010D	JMF
Chromium, Total	8.02		mg/kg	0.869	0.083	2	05/24/24 09:00	05/24/24 17:05	EPA 3050B	1,6010D	JMF
Lead, Total	12.6		mg/kg	4.34	0.233	2	05/24/24 09:00	05/24/24 17:05	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.073	0.048	1	05/24/24 10:10	05/24/24 13:07	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.74	0.224	2	05/24/24 09:00	05/24/24 17:05	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.434	0.246	2	05/24/24 09:00	05/24/24 17:05	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2428784

Project Number: 4461.0001B002 **Report Date:** 05/28/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1925297-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/24/24 09:00	05/24/24 11:39	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	05/24/24 09:00	05/24/24 11:39	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/24/24 09:00	05/24/24 11:39	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.038	1	05/24/24 09:00	05/24/24 11:39	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	05/24/24 09:00	05/24/24 11:39	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/24/24 09:00	05/24/24 11:39	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	05/24/24 09:00	05/24/24 11:39	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1925299-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/24/24 10:10	05/24/24 11:51	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428784

Report Date: 05/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1925297-2								
Arsenic, Total	106		-		80-120	-		
Barium, Total	112		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Chromium, Total	106		-		80-120	-		
Lead, Total	105		-		80-120	-		
Selenium, Total	101		-		80-120	-		
Silver, Total	114		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1925299-2								
Mercury, Total	104		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428784
Report Date: 05/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1925297-3 QC Sample: L2428902-05 Client ID: MS Sample												
Arsenic, Total	3.87	10.1	12.8	88		-	-		75-125	-		20
Barium, Total	9.13	168	192	109		-	-		75-125	-		20
Cadmium, Total	ND	4.45	4.29	96		-	-		75-125	-		20
Chromium, Total	12.0	16.8	29.5	104		-	-		75-125	-		20
Lead, Total	4.81	44.5	52.5	107		-	-		75-125	-		20
Selenium, Total	ND	10.1	9.47	94		-	-		75-125	-		20
Silver, Total	ND	4.2	4.77	114		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1925299-3 QC Sample: L2428902-05 Client ID: MS Sample												
Mercury, Total	ND	1.36	1.43	106		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428784
Report Date: 05/28/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1925297-4 QC Sample: L2428902-05 Client ID: DUP Sample						
Arsenic, Total	3.87	4.68	mg/kg	19		20
Barium, Total	9.13	8.44	mg/kg	8		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	12.0	13.3	mg/kg	10		20
Lead, Total	4.81	4.93	mg/kg	2		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1925299-4 QC Sample: L2428902-05 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428784
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2428784-01
Client ID: TSB B-10 7
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 14:00
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	05/24/24 08:20	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428784
Report Date: 05/28/24

SAMPLE RESULTS

Lab ID: L2428784-02
Client ID: TSB B-11 7
Sample Location: BUFFALO, NY

Date Collected: 05/23/24 14:10
Date Received: 05/23/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	05/24/24 08:20	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2428784

Report Date: 05/28/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1925356-1 QC Sample: L2428862-03 Client ID: DUP Sample						
Solids, Total	80.0	80.3	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428784
Report Date: 05/28/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428784-01A	Glass 60ml unpreserved split	A	NA		3.5	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2428784-01B	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TS(7)
L2428784-02A	Glass 60ml unpreserved split	A	NA		3.5	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2428784-02B	Glass 250ml/8oz unpreserved	A	NA		3.5	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2428784
Project Number:	4461.0001B002	**Report Date:**	05/28/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2428784
Project Number:	4461.0001B002	**Report Date:**	05/28/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2428784
Project Number:	4461.0001B002	**Report Date:**	05/28/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2428784
Project Number:	4461.0001B002	**Report Date:**	05/28/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/24/24

ALPHA Job #: L2428784

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information

Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project # 4461.0001.B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time

Standard ☐
Rush (only if pre approved) ☒
Due Date: 2 Day TAT
# of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	RCRA Metals	TCL SVOCs	Total Bottle	Sample Specific Comments
28784-01	TSB B-10 7	5-23-24	1400	Soil	CEH	X	X		
-02	TSB B-11 7	5-23-24	1410	Soil	CEH	X	X		

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Charlie Woodruff	5-23-24/1500	C. Pigley Place	5.23.24 1500
C. Pigley Place	5.23.24 1500		5/24/24 0050

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2429932
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	06/03/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429932
Report Date: 06/03/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2429932-01	AA B-1 7.5	SOIL	BUFFALO, NY	05/30/24 13:00	05/30/24
L2429932-02	AA B-3 7.5	SOIL	BUFFALO, NY	05/30/24 13:10	05/30/24
L2429932-03	AA B-4 7.5	SOIL	BUFFALO, NY	05/30/24 13:20	05/30/24
L2429932-04	AA B-6 7.5	SOIL	BUFFALO, NY	05/30/24 13:30	05/30/24
L2429932-05	AA B-7 7.5	SOIL	BUFFALO, NY	05/30/24 13:40	05/30/24
L2429932-06	AA B-9 7.5	SOIL	BUFFALO, NY	05/30/24 13:00	05/30/24
L2429932-07	BLIND DUP 2	SOIL	BUFFALO, NY	05/30/24 08:00	05/30/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2429932
Project Number:	4461.0001B002	**Report Date:**	06/03/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2429932
Project Number:	4461.0001B002	**Report Date:**	06/03/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

The WG1928876-5 Method Blank, associated with L2429932-01, -03, -05, and -07, has a concentration above the reporting limit for chloroform. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

Total Metals

L2429932-01 through -07: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1928197-4 MSD recovery, performed on L2429932-02, is outside the acceptance criteria for chromium (72%). A post digestion spike was performed and was within acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 06/03/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-01
Client ID: AA B-1 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 13:00
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/31/24 13:24
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.1	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.82	0.12	1
Chloroform	0.44	JB	ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.82	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.82	0.10	1
Dibromochloromethane	ND		ug/kg	0.82	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	0.82	0.22	1
Tetrachloroethene	ND		ug/kg	0.41	0.16	1
Chlorobenzene	ND		ug/kg	0.41	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.57	1
1,2-Dichloroethane	ND		ug/kg	0.82	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.41	0.14	1
Bromodichloromethane	ND		ug/kg	0.41	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.82	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.41	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.41	0.14	1
Benzene	ND		ug/kg	0.41	0.14	1
Toluene	ND		ug/kg	0.82	0.44	1
Ethylbenzene	ND		ug/kg	0.82	0.12	1
Chloromethane	ND		ug/kg	3.3	0.76	1
Bromomethane	ND		ug/kg	1.6	0.48	1
Vinyl chloride	ND		ug/kg	0.82	0.27	1
Chloroethane	ND		ug/kg	1.6	0.37	1
1,1-Dichloroethene	ND		ug/kg	0.82	0.19	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.41	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.12	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-01 Date Collected: 05/30/24 13:00

Client ID: AA B-1 7.5 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	ND		ug/kg	1.6	0.46	1
o-Xylene	ND		ug/kg	0.82	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.82	0.14	1
Styrene	ND		ug/kg	0.82	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.2	0.75	1
Acetone	ND		ug/kg	8.2	3.9	1
Carbon disulfide	ND		ug/kg	8.2	3.7	1
2-Butanone	ND		ug/kg	8.2	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.2	1.0	1
2-Hexanone	ND		ug/kg	8.2	0.97	1
Bromochloromethane	ND		ug/kg	1.6	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.82	0.23	1
n-Butylbenzene	ND		ug/kg	0.82	0.14	1
sec-Butylbenzene	ND		ug/kg	0.82	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.4	0.82	1
Isopropylbenzene	ND		ug/kg	0.82	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.82	0.09	1
n-Propylbenzene	ND		ug/kg	0.82	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.6	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.6	0.27	1
Methyl Acetate	ND		ug/kg	3.3	0.78	1
Cyclohexane	ND		ug/kg	8.2	0.44	1
1,4-Dioxane	ND		ug/kg	65	29.	1
Freon-113	ND		ug/kg	3.3	0.57	1
Methyl cyclohexane	ND		ug/kg	3.3	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-03
Client ID: AA B-4 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 13:20
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/31/24 13:50
Analyst: JIC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.1	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.83	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.83	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.83	0.10	1
Dibromochloromethane	ND		ug/kg	0.83	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.83	0.22	1
Tetrachloroethene	1.2		ug/kg	0.41	0.16	1
Chlorobenzene	ND		ug/kg	0.41	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.57	1
1,2-Dichloroethane	ND		ug/kg	0.83	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.41	0.14	1
Bromodichloromethane	ND		ug/kg	0.41	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.83	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.41	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.41	0.14	1
Benzene	ND		ug/kg	0.41	0.14	1
Toluene	ND		ug/kg	0.83	0.45	1
Ethylbenzene	ND		ug/kg	0.83	0.12	1
Chloromethane	ND		ug/kg	3.3	0.77	1
Bromomethane	ND		ug/kg	1.6	0.48	1
Vinyl chloride	ND		ug/kg	0.83	0.28	1
Chloroethane	ND		ug/kg	1.6	0.37	1
1,1-Dichloroethene	ND		ug/kg	0.83	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.41	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.12	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-03 Date Collected: 05/30/24 13:20

Client ID: AA B-4 7.5 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.17	1
p/m-Xylene	ND		ug/kg	1.6	0.46	1
o-Xylene	ND		ug/kg	0.83	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.83	0.14	1
Styrene	ND		ug/kg	0.83	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.3	0.76	1
Acetone	ND		ug/kg	8.3	4.0	1
Carbon disulfide	ND		ug/kg	8.3	3.8	1
2-Butanone	ND		ug/kg	8.3	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.3	1.0	1
2-Hexanone	ND		ug/kg	8.3	0.98	1
Bromochloromethane	ND		ug/kg	1.6	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.83	0.23	1
n-Butylbenzene	ND		ug/kg	0.83	0.14	1
sec-Butylbenzene	ND		ug/kg	0.83	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.82	1
Isopropylbenzene	ND		ug/kg	0.83	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.83	0.09	1
n-Propylbenzene	ND		ug/kg	0.83	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.6	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.6	0.28	1
Methyl Acetate	ND		ug/kg	3.3	0.78	1
Cyclohexane	ND		ug/kg	8.3	0.45	1
1,4-Dioxane	ND		ug/kg	66	29.	1
Freon-113	ND		ug/kg	3.3	0.57	1
Methyl cyclohexane	ND		ug/kg	3.3	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-05
Client ID: AA B-7 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 13:40
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/31/24 14:15
Analyst: JIC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.83	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.83	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.83	0.10	1
Dibromochloromethane	ND		ug/kg	0.83	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.83	0.22	1
Tetrachloroethene	0.83		ug/kg	0.42	0.16	1
Chlorobenzene	ND		ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.83	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.83	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.83	0.45	1
Ethylbenzene	ND		ug/kg	0.83	0.12	1
Chloromethane	ND		ug/kg	3.3	0.78	1
Bromomethane	ND		ug/kg	1.7	0.48	1
Vinyl chloride	ND		ug/kg	0.83	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.83	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.42	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-05 Date Collected: 05/30/24 13:40

Client ID: AA B-7 7.5 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.47	1
o-Xylene	ND		ug/kg	0.83	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.83	0.15	1
Styrene	ND		ug/kg	0.83	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.3	0.76	1
Acetone	ND		ug/kg	8.3	4.0	1
Carbon disulfide	ND		ug/kg	8.3	3.8	1
2-Butanone	ND		ug/kg	8.3	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.3	1.1	1
2-Hexanone	ND		ug/kg	8.3	0.98	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.83	0.23	1
n-Butylbenzene	ND		ug/kg	0.83	0.14	1
sec-Butylbenzene	ND		ug/kg	0.83	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.83	1
Isopropylbenzene	ND		ug/kg	0.83	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.83	0.09	1
n-Propylbenzene	ND		ug/kg	0.83	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.28	1
Methyl Acetate	ND		ug/kg	3.3	0.79	1
Cyclohexane	ND		ug/kg	8.3	0.45	1
1,4-Dioxane	ND		ug/kg	67	29.	1
Freon-113	ND		ug/kg	3.3	0.58	1
Methyl cyclohexane	ND		ug/kg	3.3	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-07
Client ID: BLIND DUP 2
Sample Location: BUFFALO, NY
Date Collected: 05/30/24 08:00
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/31/24 14:40
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.0	1.8	1
1,1-Dichloroethane	ND		ug/kg	0.81	0.12	1
Chloroform	ND		ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.81	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.81	0.10	1
Dibromochloromethane	ND		ug/kg	0.81	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	0.81	0.22	1
Tetrachloroethene	ND		ug/kg	0.40	0.16	1
Chlorobenzene	ND		ug/kg	0.40	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.2	0.56	1
1,2-Dichloroethane	ND		ug/kg	0.81	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.40	0.14	1
Bromodichloromethane	ND		ug/kg	0.40	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.81	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.40	0.13	1
Bromoform	ND		ug/kg	3.2	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.40	0.13	1
Benzene	ND		ug/kg	0.40	0.13	1
Toluene	ND		ug/kg	0.81	0.44	1
Ethylbenzene	ND		ug/kg	0.81	0.11	1
Chloromethane	ND		ug/kg	3.2	0.75	1
Bromomethane	ND		ug/kg	1.6	0.47	1
Vinyl chloride	ND		ug/kg	0.81	0.27	1
Chloroethane	ND		ug/kg	1.6	0.37	1
1,1-Dichloroethene	ND		ug/kg	0.81	0.19	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.40	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.12	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-07 Date Collected: 05/30/24 08:00

Client ID: BLIND DUP 2 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	ND		ug/kg	1.6	0.45	1
o-Xylene	ND		ug/kg	0.81	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.81	0.14	1
Styrene	ND		ug/kg	0.81	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.1	0.74	1
Acetone	ND		ug/kg	8.1	3.9	1
Carbon disulfide	ND		ug/kg	8.1	3.7	1
2-Butanone	ND		ug/kg	8.1	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.1	1.0	1
2-Hexanone	ND		ug/kg	8.1	0.96	1
Bromochloromethane	ND		ug/kg	1.6	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.81	0.22	1
n-Butylbenzene	ND		ug/kg	0.81	0.14	1
sec-Butylbenzene	ND		ug/kg	0.81	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.4	0.81	1
Isopropylbenzene	ND		ug/kg	0.81	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.81	0.09	1
n-Propylbenzene	ND		ug/kg	0.81	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.6	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.6	0.27	1
Methyl Acetate	ND		ug/kg	3.2	0.77	1
Cyclohexane	ND		ug/kg	8.1	0.44	1
1,4-Dioxane	ND		ug/kg	65	28.	1
Freon-113	ND		ug/kg	3.2	0.56	1
Methyl cyclohexane	ND		ug/kg	3.2	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/31/24 12:59
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1928876-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	1.8		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/31/24 12:59
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1928876-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/31/24 12:59
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1928876-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2429932

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1928876-3 WG1928876-4								
Methylene chloride	87		84		70-130	4		30
1,1-Dichloroethane	86		84		70-130	2		30
Chloroform	98		96		70-130	2		30
Carbon tetrachloride	95		95		70-130	0		30
1,2-Dichloropropane	87		86		70-130	1		30
Dibromochloromethane	97		95		70-130	2		30
1,1,2-Trichloroethane	99		98		70-130	1		30
Tetrachloroethene	90		90		70-130	0		30
Chlorobenzene	90		89		70-130	1		30
Trichlorofluoromethane	102		100		70-139	2		30
1,2-Dichloroethane	88		86		70-130	2		30
1,1,1-Trichloroethane	99		99		70-130	0		30
Bromodichloromethane	99		98		70-130	1		30
trans-1,3-Dichloropropene	105		104		70-130	1		30
cis-1,3-Dichloropropene	99		99		70-130	0		30
Bromoform	96		96		70-130	0		30
1,1,2,2-Tetrachloroethane	94		90		70-130	4		30
Benzene	96		95		70-130	1		30
Toluene	94		92		70-130	2		30
Ethylbenzene	95		95		70-130	0		30
Chloromethane	71		68		52-130	4		30
Bromomethane	109		107		57-147	2		30
Vinyl chloride	102		100		67-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2429932

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1928876-3 WG1928876-4								
Chloroethane	98		95		50-151	3		30
1,1-Dichloroethene	91		90		65-135	1		30
trans-1,2-Dichloroethene	87		87		70-130	0		30
Trichloroethene	95		96		70-130	1		30
1,2-Dichlorobenzene	89		90		70-130	1		30
1,3-Dichlorobenzene	86		88		70-130	2		30
1,4-Dichlorobenzene	88		89		70-130	1		30
Methyl tert butyl ether	98		95		66-130	3		30
p/m-Xylene	97		95		70-130	2		30
o-Xylene	94		93		70-130	1		30
cis-1,2-Dichloroethene	89		88		70-130	1		30
Styrene	99		97		70-130	2		30
Dichlorodifluoromethane	101		99		30-146	2		30
Acetone	71		67		54-140	6		30
Carbon disulfide	90		89		59-130	1		30
2-Butanone	77		70		70-130	10		30
4-Methyl-2-pentanone	83		78		70-130	6		30
2-Hexanone	78		72		70-130	8		30
Bromochloromethane	90		89		70-130	1		30
1,2-Dibromoethane	90		89		70-130	1		30
n-Butylbenzene	94		95		70-130	1		30
sec-Butylbenzene	90		92		70-130	2		30
1,2-Dibromo-3-chloropropane	88		86		68-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2429932

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1928876-3 WG1928876-4								
Isopropylbenzene	90		91		70-130	1		30
p-Isopropyltoluene	90		91		70-130	1		30
n-Propylbenzene	92		92		70-130	0		30
1,2,3-Trichlorobenzene	100		103		70-130	3		30
1,2,4-Trichlorobenzene	96		99		70-130	3		30
1,3,5-Trimethylbenzene	90		90		70-130	0		30
1,2,4-Trimethylbenzene	89		90		70-130	1		30
Methyl Acetate	76		73		51-146	4		30
Cyclohexane	81		81		59-142	0		30
1,4-Dioxane	90		88		65-136	2		30
Freon-113	97		96		50-139	1		30
Methyl cyclohexane	87		85		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		99		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	99		98		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-01
Client ID: AA B-1 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 13:00
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/01/24 01:08
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/31/24 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-01 Date Collected: 05/30/24 13:00

Client ID: AA B-1 7.5 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-01 Date Collected: 05/30/24 13:00

Client ID: AA B-1 7.5 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	59		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-02
Client ID: AA B-3 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 13:10
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/01/24 03:31
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 05/31/24 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-02 Date Collected: 05/30/24 13:10

Client ID: AA B-3 7.5 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-02 Date Collected: 05/30/24 13:10

Client ID: AA B-3 7.5 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	73		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-03
Client ID: AA B-4 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 13:20
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/01/24 05:07
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/31/24 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	35	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-03 Date Collected: 05/30/24 13:20

Client ID: AA B-4 7.5 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	30	J	ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	28	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-03 Date Collected: 05/30/24 13:20

Client ID: AA B-4 7.5 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	67		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-04
Client ID: AA B-6 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 13:30
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/01/24 01:32
Analyst: IM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/31/24 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-04 Date Collected: 05/30/24 13:30

Client ID: AA B-6 7.5 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-04 Date Collected: 05/30/24 13:30

Client ID: AA B-6 7.5 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	61		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-05
Client ID: AA B-7 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 13:40
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/03/24 11:07
Analyst: LJG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 05/31/24 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-05 Date Collected: 05/30/24 13:40

Client ID: AA B-7 7.5 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-05 Date Collected: 05/30/24 13:40

Client ID: AA B-7 7.5 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	65		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-06
Client ID: AA B-9 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 13:00
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/01/24 01:56
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/31/24 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-06 Date Collected: 05/30/24 13:00

Client ID: AA B-9 7.5 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-06 Date Collected: 05/30/24 13:00

Client ID: AA B-9 7.5 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	52		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-07
Client ID: BLIND DUP 2
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 08:00
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/01/24 03:55
Analyst: IM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/31/24 06:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	22	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-07 Date Collected: 05/30/24 08:00

Client ID: BLIND DUP 2 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-07 Date Collected: 05/30/24 08:00

Client ID: BLIND DUP 2 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	64		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429932
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/31/24 13:54
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/31/24 06:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1927969-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/31/24 13:54
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/31/24 06:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1927969-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429932
Report Date: 06/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/31/24 13:54
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/31/24 06:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1927969-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	78		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2429932

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1927969-2 WG1927969-3								
Acenaphthene	66		84		31-137	24		50
Hexachlorobenzene	75		94		40-140	22		50
Bis(2-chloroethyl)ether	58		73		40-140	23		50
2-Chloronaphthalene	69		88		40-140	24		50
3,3'-Dichlorobenzidine	68		82		40-140	19		50
2,4-Dinitrotoluene	79		101		40-132	24		50
2,6-Dinitrotoluene	77		96		40-140	22		50
Fluoranthene	77		93		40-140	19		50
4-Chlorophenyl phenyl ether	73		88		40-140	19		50
4-Bromophenyl phenyl ether	75		94		40-140	22		50
Bis(2-chloroisopropyl)ether	54		69		40-140	24		50
Bis(2-chloroethoxy)methane	60		78		40-117	26		50
Hexachlorobutadiene	71		88		40-140	21		50
Hexachlorocyclopentadiene	47		62		40-140	28		50
Hexachloroethane	63		77		40-140	20		50
Isophorone	61		79		40-140	26		50
Naphthalene	63		81		40-140	25		50
Nitrobenzene	67		85		40-140	24		50
NDPA/DPA	73		90		36-157	21		50
n-Nitrosodi-n-propylamine	64		80		32-121	22		50
Bis(2-ethylhexyl)phthalate	74		94		40-140	24		50
Butyl benzyl phthalate	78		97		40-140	22		50
Di-n-butylphthalate	76		96		40-140	23		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2429932

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1927969-2 WG1927969-3								
Di-n-octylphthalate	72		92		40-140	24		50
Diethyl phthalate	75		91		40-140	19		50
Dimethyl phthalate	73		91		40-140	22		50
Benzo(a)anthracene	74		89		40-140	18		50
Benzo(a)pyrene	78		94		40-140	19		50
Benzo(b)fluoranthene	77		92		40-140	18		50
Benzo(k)fluoranthene	74		94		40-140	24		50
Chrysene	68		84		40-140	21		50
Acenaphthylene	75		90		40-140	18		50
Anthracene	74		91		40-140	21		50
Benzo(ghi)perylene	71		89		40-140	23		50
Fluorene	69		86		40-140	22		50
Phenanthrene	72		89		40-140	21		50
Dibenzo(a,h)anthracene	71		89		40-140	23		50
Indeno(1,2,3-cd)pyrene	70		89		40-140	24		50
Pyrene	77		93		35-142	19		50
Biphenyl	60		76		37-127	24		50
4-Chloroaniline	63		79		40-140	23		50
2-Nitroaniline	75		95		47-134	24		50
3-Nitroaniline	69		84		26-129	20		50
4-Nitroaniline	61		76		41-125	22		50
Dibenzofuran	72		88		40-140	20		50
2-Methylnaphthalene	68		86		40-140	23		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2429932

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1927969-2 WG1927969-3								
1,2,4,5-Tetrachlorobenzene	66		81		40-117	20		50
Acetophenone	58		72		14-144	22		50
2,4,6-Trichlorophenol	77		97		30-130	23		50
p-Chloro-m-cresol	76		96		26-103	23		50
2-Chlorophenol	64		81		25-102	23		50
2,4-Dichlorophenol	73		90		30-130	21		50
2,4-Dimethylphenol	64		81		30-130	23		50
2-Nitrophenol	70		90		30-130	25		50
4-Nitrophenol	80		99		11-114	21		50
2,4-Dinitrophenol	45		62		4-130	32		50
4,6-Dinitro-o-cresol	57		80		10-130	34		50
Pentachlorophenol	75		91		17-109	19		50
Phenol	65		83		26-90	24		50
2-Methylphenol	66		82		30-130.	22		50
3-Methylphenol/4-Methylphenol	69		87		30-130	23		50
2,4,5-Trichlorophenol	81		100		30-130	21		50
Carbazole	73		91		54-128	22		50
Atrazine	72		90		40-140	22		50
Benzaldehyde	51		65		40-140	24		50
Caprolactam	66		82		15-130	22		50
2,3,4,6-Tetrachlorophenol	80		100		40-140	22		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429932
Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1927969-2 WG1927969-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		76		25-120
Phenol-d6	63		81		10-120
Nitrobenzene-d5	64		82		23-120
2-Fluorobiphenyl	65		83		30-120
2,4,6-Tribromophenol	72		91		10-136
4-Terphenyl-d14	73		87		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429932
Report Date: 06/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1927969-4 WG1927969-5 QC Sample: L2429932-02 Client ID: AA B-3 7.5												
Acenaphthene	ND	1460	1000	68		1100	74		31-137	10		50
Hexachlorobenzene	ND	1460	1100	75		1200	81		40-140	9		50
Bis(2-chloroethyl)ether	ND	1460	1100	75		1200	81		40-140	9		50
2-Chloronaphthalene	ND	1460	1000	68		1100	74		40-140	10		50
3,3'-Dichlorobenzidine	ND	1460	960	66		940	64		40-140	2		50
2,4-Dinitrotoluene	ND	1460	1100	75		1100	74		40-132	0		50
2,6-Dinitrotoluene	ND	1460	1200	82		1200	81		40-140	0		50
Fluoranthene	ND	1460	1200	82		1200	81		40-140	0		50
4-Chlorophenyl phenyl ether	ND	1460	1100	75		1200	81		40-140	9		50
4-Bromophenyl phenyl ether	ND	1460	1200	82		1200	81		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1460	1100	75		1200	81		40-140	9		50
Bis(2-chloroethoxy)methane	ND	1460	1100	75		1200	81		40-117	9		50
Hexachlorobutadiene	ND	1460	1000	68		1100	74		40-140	10		50
Hexachlorocyclopentadiene	ND	1460	830	57		900	61		40-140	8		50
Hexachloroethane	ND	1460	1000	68		1100	74		40-140	10		50
Isophorone	ND	1460	1100	75		1200	81		40-140	9		50
Naphthalene	ND	1460	1000	68		1100	74		40-140	10		50
Nitrobenzene	ND	1460	1200	82		1300	88		40-140	8		50
NDPA/DPA	ND	1460	1100	75		1200	81		36-157	9		50
n-Nitrosodi-n-propylamine	ND	1460	1200	82		1300	88		32-121	8		50
Bis(2-ethylhexyl)phthalate	ND	1460	1200	82		1200	81		40-140	0		50
Butyl benzyl phthalate	ND	1460	1200	82		1300	88		40-140	8		50
Di-n-butylphthalate	ND	1460	1200	82		1200	81		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2429932

Report Date: 06/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1927969-4 WG1927969-5 QC Sample: L2429932-02 Client ID: AA B-3 7.5												
Di-n-octylphthalate	ND	1460	1200	82		1200	81		40-140	0		50
Diethyl phthalate	ND	1460	1100	75		1200	81		40-140	9		50
Dimethyl phthalate	ND	1460	1100	75		1100	74		40-140	0		50
Benzo(a)anthracene	ND	1460	1100	75		1200	81		40-140	9		50
Benzo(a)pyrene	ND	1460	1200	82		1200	81		40-140	0		50
Benzo(b)fluoranthene	ND	1460	1200	82		1200	81		40-140	0		50
Benzo(k)fluoranthene	ND	1460	1100	75		1200	81		40-140	9		50
Chrysene	ND	1460	1100	75		1200	81		40-140	9		50
Acenaphthylene	ND	1460	1100	75		1200	81		40-140	9		50
Anthracene	ND	1460	1100	75		1200	81		40-140	9		50
Benzo(ghi)perylene	ND	1460	1100	75		1100	74		40-140	0		50
Fluorene	ND	1460	1100	75		1100	74		40-140	0		50
Phenanthrene	ND	1460	1100	75		1100	74		40-140	0		50
Dibenzo(a,h)anthracene	ND	1460	1100	75		1200	81		40-140	9		50
Indeno(1,2,3-cd)pyrene	ND	1460	1100	75		1200	81		40-140	9		50
Pyrene	ND	1460	1100	75		1200	81		35-142	9		50
Biphenyl	ND	1460	920	63		970	66		37-127	5		50
4-Chloroaniline	ND	1460	970	66		910	61		40-140	6		50
2-Nitroaniline	ND	1460	1300	89		1300	88		47-134	0		50
3-Nitroaniline	ND	1460	1100	75		1100	74		26-129	0		50
4-Nitroaniline	ND	1460	1300	89		1300	88		41-125	0		50
Dibenzofuran	ND	1460	1100	75		1100	74		40-140	0		50
2-Methylnaphthalene	ND	1460	1100	75		1200	81		40-140	9		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2429932

Report Date: 06/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1927969-4 WG1927969-5 QC Sample: L2429932-02 Client ID: AA B-3 7.5												
1,2,4,5-Tetrachlorobenzene	ND	1460	1000	68		1100	74		40-117	10		50
Acetophenone	ND	1460	1000	68		1100	74		14-144	10		50
2,4,6-Trichlorophenol	ND	1460	1200	82		1200	81		30-130	0		50
p-Chloro-m-cresol	ND	1460	1200	82		1200	81		26-103	0		50
2-Chlorophenol	ND	1460	1100	75		1200	81		25-102	9		50
2,4-Dichlorophenol	ND	1460	1100	75		1200	81		30-130	9		50
2,4-Dimethylphenol	ND	1460	1100	75		1100	74		30-130	0		50
2-Nitrophenol	ND	1460	1400	96		1500	100		30-130	7		50
4-Nitrophenol	ND	1460	1400	96		1400	95		11-114	0		50
2,4-Dinitrophenol	ND	1460	120J	8		150J	10		4-130	22		50
4,6-Dinitro-o-cresol	ND	1460	670	46		750	51		10-130	11		50
Pentachlorophenol	ND	1460	680	47		760	51		17-109	11		50
Phenol	ND	1460	1200	82		1300	88		26-90	8		50
2-Methylphenol	ND	1460	1200	82		1300	88		30-130.	8		50
3-Methylphenol/4-Methylphenol	ND	1460	1200	82		1300	88		30-130	8		50
2,4,5-Trichlorophenol	ND	1460	1100	75		1200	81		30-130	9		50
Carbazole	ND	1460	1200	82		1200	81		54-128	0		50
Atrazine	ND	1460	950	65		980	66		40-140	3		50
Benzaldehyde	ND	1460	920	63		1000	68		40-140	8		50
Caprolactam	ND	1460	1200	82		1200	81		15-130	0		50
2,3,4,6-Tetrachlorophenol	ND	1460	1100	75		1200	81		40-140	9		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2429932

Report Date: 06/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1927969-4 WG1927969-5 QC Sample: L2429932-02 Client ID: AA B-3 7.5												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	78		80		10-136
2-Fluorobiphenyl	64		67		30-120
2-Fluorophenol	76		82		25-120
4-Terphenyl-d14	71		72		18-120
Nitrobenzene-d5	78		84		23-120
Phenol-d6	79		84		10-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-01
Client ID: AA B-1 7.5
Sample Location: BUFFALO, NY
Date Collected: 05/30/24 13:00
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.55		mg/kg	0.879	0.183	2	06/01/24 10:40	06/02/24 16:34	EPA 3050B	1,6010D	DHL
Barium, Total	44.5		mg/kg	0.879	0.153	2	06/01/24 10:40	06/02/24 16:34	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.158	J	mg/kg	0.879	0.086	2	06/01/24 10:40	06/02/24 16:34	EPA 3050B	1,6010D	DHL
Chromium, Total	5.52		mg/kg	0.879	0.084	2	06/01/24 10:40	06/02/24 16:34	EPA 3050B	1,6010D	DHL
Lead, Total	9.30		mg/kg	4.40	0.236	2	06/01/24 10:40	06/02/24 16:34	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/01/24 12:30	06/03/24 10:24	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.76	0.227	2	06/01/24 10:40	06/02/24 16:34	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.440	0.249	2	06/01/24 10:40	06/02/24 16:34	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-02
Client ID: AA B-3 7.5
Sample Location: BUFFALO, NY
Date Collected: 05/30/24 13:10
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.16		mg/kg	0.853	0.177	2	06/01/24 10:40	06/02/24 15:43	EPA 3050B	1,6010D	DHL
Barium, Total	47.0		mg/kg	0.853	0.148	2	06/01/24 10:40	06/02/24 15:43	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.150	J	mg/kg	0.853	0.084	2	06/01/24 10:40	06/02/24 15:43	EPA 3050B	1,6010D	DHL
Chromium, Total	8.51		mg/kg	0.853	0.082	2	06/01/24 10:40	06/02/24 15:43	EPA 3050B	1,6010D	DHL
Lead, Total	10.2		mg/kg	4.26	0.229	2	06/01/24 10:40	06/02/24 15:43	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.071	0.046	1	06/01/24 12:30	06/03/24 09:41	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.71	0.220	2	06/01/24 10:40	06/02/24 15:43	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.426	0.241	2	06/01/24 10:40	06/02/24 15:43	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-03
Client ID: AA B-4 7.5
Sample Location: BUFFALO, NY
Date Collected: 05/30/24 13:20
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.12		mg/kg	0.897	0.187	2	06/01/24 10:40	06/02/24 16:38	EPA 3050B	1,6010D	DHL
Barium, Total	42.2		mg/kg	0.897	0.156	2	06/01/24 10:40	06/02/24 16:38	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.168	J	mg/kg	0.897	0.088	2	06/01/24 10:40	06/02/24 16:38	EPA 3050B	1,6010D	DHL
Chromium, Total	7.83		mg/kg	0.897	0.086	2	06/01/24 10:40	06/02/24 16:38	EPA 3050B	1,6010D	DHL
Lead, Total	11.4		mg/kg	4.49	0.240	2	06/01/24 10:40	06/02/24 16:38	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.074	0.048	1	06/01/24 12:30	06/03/24 10:27	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.79	0.232	2	06/01/24 10:40	06/02/24 16:38	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.449	0.254	2	06/01/24 10:40	06/02/24 16:38	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-04
Client ID: AA B-6 7.5
Sample Location: BUFFALO, NY
Date Collected: 05/30/24 13:30
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.55		mg/kg	0.865	0.180	2	06/01/24 10:40	06/02/24 16:42	EPA 3050B	1,6010D	DHL
Barium, Total	63.7		mg/kg	0.865	0.150	2	06/01/24 10:40	06/02/24 16:42	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.161	J	mg/kg	0.865	0.085	2	06/01/24 10:40	06/02/24 16:42	EPA 3050B	1,6010D	DHL
Chromium, Total	9.33		mg/kg	0.865	0.083	2	06/01/24 10:40	06/02/24 16:42	EPA 3050B	1,6010D	DHL
Lead, Total	11.6		mg/kg	4.33	0.232	2	06/01/24 10:40	06/02/24 16:42	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.074	0.048	1	06/01/24 12:30	06/03/24 10:37	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.73	0.223	2	06/01/24 10:40	06/02/24 16:42	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.433	0.245	2	06/01/24 10:40	06/02/24 16:42	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-05
Client ID: AA B-7 7.5
Sample Location: BUFFALO, NY
Date Collected: 05/30/24 13:40
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.15		mg/kg	0.918	0.191	2	06/01/24 10:40	06/02/24 16:46	EPA 3050B	1,6010D	DHL
Barium, Total	60.6		mg/kg	0.918	0.160	2	06/01/24 10:40	06/02/24 16:46	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.172	J	mg/kg	0.918	0.090	2	06/01/24 10:40	06/02/24 16:46	EPA 3050B	1,6010D	DHL
Chromium, Total	13.5		mg/kg	0.918	0.088	2	06/01/24 10:40	06/02/24 16:46	EPA 3050B	1,6010D	DHL
Lead, Total	13.2		mg/kg	4.59	0.246	2	06/01/24 10:40	06/02/24 16:46	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.077	0.050	1	06/01/24 12:30	06/03/24 10:40	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.84	0.237	2	06/01/24 10:40	06/02/24 16:46	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.459	0.260	2	06/01/24 10:40	06/02/24 16:46	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-06
Client ID: AA B-9 7.5
Sample Location: BUFFALO, NY
Date Collected: 05/30/24 13:00
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.82		mg/kg	0.883	0.184	2	06/01/24 10:40	06/02/24 16:50	EPA 3050B	1,6010D	DHL
Barium, Total	41.0		mg/kg	0.883	0.154	2	06/01/24 10:40	06/02/24 16:50	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.185	J	mg/kg	0.883	0.087	2	06/01/24 10:40	06/02/24 16:50	EPA 3050B	1,6010D	DHL
Chromium, Total	6.31		mg/kg	0.883	0.085	2	06/01/24 10:40	06/02/24 16:50	EPA 3050B	1,6010D	DHL
Lead, Total	9.49		mg/kg	4.41	0.236	2	06/01/24 10:40	06/02/24 16:50	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.073	0.047	1	06/01/24 12:30	06/03/24 10:43	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.76	0.228	2	06/01/24 10:40	06/02/24 16:50	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.441	0.250	2	06/01/24 10:40	06/02/24 16:50	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-07
Client ID: BLIND DUP 2
Sample Location: BUFFALO, NY
Date Collected: 05/30/24 08:00
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.32		mg/kg	0.881	0.183	2	06/01/24 10:40	06/02/24 17:28	EPA 3050B	1,6010D	DHL
Barium, Total	72.8		mg/kg	0.881	0.153	2	06/01/24 10:40	06/02/24 17:28	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.177	J	mg/kg	0.881	0.086	2	06/01/24 10:40	06/02/24 17:28	EPA 3050B	1,6010D	DHL
Chromium, Total	5.96		mg/kg	0.881	0.085	2	06/01/24 10:40	06/02/24 17:28	EPA 3050B	1,6010D	DHL
Lead, Total	10.6		mg/kg	4.41	0.236	2	06/01/24 10:40	06/02/24 17:28	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.073	0.048	1	06/01/24 12:30	06/03/24 10:47	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.76	0.227	2	06/01/24 10:40	06/02/24 17:28	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.441	0.249	2	06/01/24 10:40	06/02/24 17:28	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429932

Project Number: 4461.0001B002 **Report Date:** 06/03/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07 Batch: WG1928197-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/01/24 10:40	06/02/24 15:23	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/01/24 10:40	06/02/24 15:23	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/01/24 10:40	06/02/24 15:23	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/01/24 10:40	06/02/24 15:23	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/01/24 10:40	06/02/24 15:23	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/01/24 10:40	06/02/24 15:23	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/01/24 10:40	06/02/24 15:23	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07 Batch: WG1928198-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/01/24 12:30	06/03/24 09:34	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2429932

Report Date: 06/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1928197-2								
Arsenic, Total	94		-		80-120	-		
Barium, Total	95		-		80-120	-		
Cadmium, Total	94		-		80-120	-		
Chromium, Total	93		-		80-120	-		
Lead, Total	96		-		80-120	-		
Selenium, Total	95		-		80-120	-		
Silver, Total	93		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1928198-2								
Mercury, Total	102		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429932
Report Date: 06/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1928197-3 WG1928197-4 QC Sample: L2429932-02 Client ID: AA B-3 7.5												
Arsenic, Total	2.16	10.2	12.1	97		12.0	95		75-125	1		20
Barium, Total	47.0	171	192	85		197	87		75-125	3		20
Cadmium, Total	0.150J	4.53	3.78	83		3.80	83		75-125	1		20
Chromium, Total	8.51	17.1	21.9	78		20.9	**72**	Q	75-125	5		20
Lead, Total	10.2	45.3	49.7	87		49.9	87		75-125	0		20
Selenium, Total	ND	10.2	8.97	87		9.18	89		75-125	2		20
Silver, Total	ND	4.27	3.86	90		3.86	90		75-125	0		20
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1928198-3 WG1928198-4 QC Sample: L2429932-02 Client ID: AA B-3 7.5												
Mercury, Total	ND	1.39	1.44	103		1.47	105		80-120	2		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2429932
Report Date: 06/03/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1928197-6 QC Sample: L2429932-02 Client ID: AA B-3 7.5						
Barium, Total	47.0	50.1	mg/kg	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-01
Client ID: AA B-1 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 13:00
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.5		%	0.100	NA	1	-	05/31/24 06:43	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-02
Client ID: AA B-3 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 13:10
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.9		%	0.100	NA	1	-	05/31/24 06:43	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-03
Client ID: AA B-4 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 13:20
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	05/31/24 06:43	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-04
Client ID: AA B-6 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 13:30
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	05/31/24 06:43	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-05
Client ID: AA B-7 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 13:40
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	05/31/24 06:43	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-06
Client ID: AA B-9 7.5
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 13:00
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	05/31/24 06:43	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429932
Report Date: 06/03/24

SAMPLE RESULTS

Lab ID: L2429932-07
Client ID: BLIND DUP 2
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 08:00
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.6		%	0.100	NA	1	-	05/31/24 06:43	121,2540G	ROI

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429932
Report Date: 06/03/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1927964-1 QC Sample: L2429932-02 Client ID: AA B-3 7.5						
Solids, Total	89.9	90.3	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429932
Report Date: 06/03/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2429932-01A	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2429932-01B	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7)
L2429932-01C	Glass 60ml unpreserved split	A	NA		2.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2429932-01X	Vial MeOH preserved split	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2429932-01Y	Vial Water preserved split	A	NA		2.0	Y	Absent	31-MAY-24 06:32	NYTCL-8260-R2(14)
L2429932-01Z	Vial Water preserved split	A	NA		2.0	Y	Absent	31-MAY-24 06:32	NYTCL-8260-R2(14)
L2429932-02A	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7)
L2429932-02A1	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7)
L2429932-02A2	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7)
L2429932-02C	Glass 60ml unpreserved split	A	NA		2.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2429932-02C1	Glass 60ml unpreserved split	A	NA		2.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2429932-02C2	Glass 60ml unpreserved split	A	NA		2.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2429932-03A	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2429932-03B	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7)
L2429932-03C	Glass 60ml unpreserved split	A	NA		2.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2429932-03X	Vial MeOH preserved split	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2429932-03Y	Vial Water preserved split	A	NA		2.0	Y	Absent	31-MAY-24 06:32	NYTCL-8260-R2(14)
L2429932-03Z	Vial Water preserved split	A	NA		2.0	Y	Absent	31-MAY-24 06:32	NYTCL-8260-R2(14)
L2429932-04A	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429932
Report Date: 06/03/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2429932-04C	Glass 60ml unpreserved split	A	NA		2.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2429932-05A	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2429932-05B	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7)
L2429932-05C	Glass 60ml unpreserved split	A	NA		2.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2429932-05X	Vial MeOH preserved split	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2429932-05Y	Vial Water preserved split	A	NA		2.0	Y	Absent	31-MAY-24 06:32	NYTCL-8260-R2(14)
L2429932-05Z	Vial Water preserved split	A	NA		2.0	Y	Absent	31-MAY-24 06:32	NYTCL-8260-R2(14)
L2429932-06A	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7)
L2429932-06C	Glass 60ml unpreserved split	A	NA		2.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2429932-07A	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2429932-07B	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7)
L2429932-07C	Glass 60ml unpreserved split	A	NA		2.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2429932-07X	Vial MeOH preserved split	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2429932-07Y	Vial Water preserved split	A	NA		2.0	Y	Absent	31-MAY-24 06:32	NYTCL-8260-R2(14)
L2429932-07Z	Vial Water preserved split	A	NA		2.0	Y	Absent	31-MAY-24 06:32	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2429932
Project Number:	4461.0001B002	**Report Date:**	06/03/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2429932
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2429932
Project Number:	4461.0001B002	**Report Date:**	06/03/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2429932
Project Number:	4461.0001B002	**Report Date:**	06/03/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

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TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/31/24

ALPHA Job #: L2429932

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information

Project Name: 1681-1689 main street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time

Standard ☐
Rush (only if pre approved) ☒
Due Date: 2 Day TAT
# of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	TCL + CP-51 VOCs	Total Bottle	Sample Specific Comments
29932-01	AA B-1 7.5	5-30-24	1300	Soil	CEH	X	X	X		
29932-02	AA B-3 7.5		1310			X	X			
-03	AA B-4 7.5		1320			X	X	X		
-04	AA B-6 7.5		1330			X	X			
-05	AA B-7 7.5		1340			X	X	X		
-06	AA B-[illegible]9 7.5		1350			X	X			
-02	AA B-3 7.5 MS/MSD		1310			X	X			
-07	Blind Dup 2		0800			X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Shelby Habraitis	5-30-24/1530	PACE	5/30/24 1530
PACE	5/30/24 1530		5/31/24 0150

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2429937
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	06/06/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429937
Report Date: 06/06/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2429937-01	AA WW-1 3-5	SOIL	BUFFALO, NY	05/30/24 14:00	05/30/24
L2429937-02	AA WW-2 3-5	SOIL	BUFFALO, NY	05/30/24 14:10	05/30/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2429937
Project Number:	4461.0001B002	**Report Date:**	06/06/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2429937
Project Number:	4461.0001B002	**Report Date:**	06/06/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2429937-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 06/06/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429937
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2429937-01
Client ID: AA WW-1 3-5
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 14:00
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/05/24 22:22
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/04/24 19:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	330		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	32	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	130		ug/kg	110	20.	1
Benzo(a)pyrene	130	J	ug/kg	140	43.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429937

Project Number: 4461.0001B002 **Report Date:** 06/06/24

SAMPLE RESULTS

Lab ID: L2429937-01 Date Collected: 05/30/24 14:00

Client ID: AA WW-1 3-5 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	170		ug/kg	110	30.	1
Benzo(k)fluoranthene	55	J	ug/kg	110	28.	1
Chrysene	150		ug/kg	110	18.	1
Acenaphthylene	43	J	ug/kg	140	27.	1
Anthracene	47	J	ug/kg	110	35.	1
Benzo(ghi)perylene	79	J	ug/kg	140	21.	1
Fluorene	29	J	ug/kg	180	17.	1
Phenanthrene	320		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	23	J	ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	79	J	ug/kg	140	25.	1
Pyrene	260		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	26	J	ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	45	J	ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429937

Project Number: 4461.0001B002 **Report Date:** 06/06/24

SAMPLE RESULTS

Lab ID: L2429937-01 Date Collected: 05/30/24 14:00

Client ID: AA WW-1 3-5 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	64		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429937
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2429937-02
Client ID: AA WW-2 3-5
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 14:10
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/05/24 22:46
Analyst: IM
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 06/04/24 19:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	130	17.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.	1
2,4-Dinitrotoluene	ND		ug/kg	170	33.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	26	J	ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	24.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	130	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	20.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	130	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.	1
Butyl benzyl phthalate	93	J	ug/kg	170	42.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	57.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	35.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	130	41.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429937

Project Number: 4461.0001B002 **Report Date:** 06/06/24

SAMPLE RESULTS

Lab ID: L2429937-02 Date Collected: 05/30/24 14:10

Client ID: AA WW-2 3-5 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	100	28.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	22	J	ug/kg	100	17.	1
Acenaphthylene	ND		ug/kg	130	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	130	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.	1
Pyrene	24	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	380	22.	1
4-Chloroaniline	ND		ug/kg	170	30.	1
2-Nitroaniline	ND		ug/kg	170	32.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	69.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	55.	1
2-Nitrophenol	ND		ug/kg	360	63.	1
4-Nitrophenol	ND		ug/kg	230	68.	1
2,4-Dinitrophenol	ND		ug/kg	800	78.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	80.	1
Pentachlorophenol	ND		ug/kg	130	37.	1
Phenol	ND		ug/kg	170	25.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Carbazole	ND		ug/kg	170	16.	1
Atrazine	ND		ug/kg	130	58.	1
Benzaldehyde	ND		ug/kg	220	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429937

Project Number: 4461.0001B002 **Report Date:** 06/06/24

SAMPLE RESULTS

Lab ID: L2429937-02 Date Collected: 05/30/24 14:10

Client ID: AA WW-2 3-5 Date Received: 05/30/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	170	51.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	61		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429937
Report Date: 06/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/05/24 00:42
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/04/24 07:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1929295-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429937

Project Number: 4461.0001B002 **Report Date:** 06/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/05/24 00:42
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/04/24 07:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1929295-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429937
Report Date: 06/06/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/05/24 00:42
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/04/24 07:26

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1929295-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	89		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2429937

Report Date: 06/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1929295-2 WG1929295-3								
Acenaphthene	56		67		31-137	18		50
Hexachlorobenzene	57		75		40-140	27		50
Bis(2-chloroethyl)ether	53		65		40-140	20		50
2-Chloronaphthalene	60		72		40-140	18		50
3,3'-Dichlorobenzidine	50		63		40-140	23		50
2,4-Dinitrotoluene	64		80		40-132	22		50
2,6-Dinitrotoluene	67		79		40-140	16		50
Fluoranthene	61		75		40-140	21		50
4-Chlorophenyl phenyl ether	57		77		40-140	30		50
4-Bromophenyl phenyl ether	57		77		40-140	30		50
Bis(2-chloroisopropyl)ether	51		60		40-140	16		50
Bis(2-chloroethoxy)methane	55		66		40-117	18		50
Hexachlorobutadiene	62		73		40-140	16		50
Hexachlorocyclopentadiene	57		68		40-140	18		50
Hexachloroethane	51		62		40-140	19		50
Isophorone	54		67		40-140	21		50
Naphthalene	56		66		40-140	16		50
Nitrobenzene	58		70		40-140	19		50
NDPA/DPA	56		73		36-157	26		50
n-Nitrosodi-n-propylamine	55		66		32-121	18		50
Bis(2-ethylhexyl)phthalate	50		65		40-140	26		50
Butyl benzyl phthalate	55		66		40-140	18		50
Di-n-butylphthalate	56		70		40-140	22		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2429937

Report Date: 06/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1929295-2 WG1929295-3								
Di-n-octylphthalate	45		64		40-140	35		50
Diethyl phthalate	53		68		40-140	25		50
Dimethyl phthalate	63		73		40-140	15		50
Benzo(a)anthracene	53		67		40-140	23		50
Benzo(a)pyrene	57		70		40-140	20		50
Benzo(b)fluoranthene	51		70		40-140	31		50
Benzo(k)fluoranthene	58		70		40-140	19		50
Chrysene	55		71		40-140	25		50
Acenaphthylene	61		77		40-140	23		50
Anthracene	58		73		40-140	23		50
Benzo(ghi)perylene	52		67		40-140	25		50
Fluorene	54		69		40-140	24		50
Phenanthrene	57		70		40-140	20		50
Dibenzo(a,h)anthracene	55		71		40-140	25		50
Indeno(1,2,3-cd)pyrene	52		69		40-140	28		50
Pyrene	60		76		35-142	24		50
Biphenyl	55		66		37-127	18		50
4-Chloroaniline	57		53		40-140	7		50
2-Nitroaniline	63		74		47-134	16		50
3-Nitroaniline	53		65		26-129	20		50
4-Nitroaniline	54		73		41-125	30		50
Dibenzofuran	58		70		40-140	19		50
2-Methylnaphthalene	59		70		40-140	17		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2429937

Report Date: 06/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1929295-2 WG1929295-3								
1,2,4,5-Tetrachlorobenzene	57		70		40-117	20		50
Acetophenone	51		60		14-144	16		50
2,4,6-Trichlorophenol	67		79		30-130	16		50
p-Chloro-m-cresol	62		76		26-103	20		50
2-Chlorophenol	58		69		25-102	17		50
2,4-Dichlorophenol	63		76		30-130	19		50
2,4-Dimethylphenol	53		64		30-130	19		50
2-Nitrophenol	64		75		30-130	16		50
4-Nitrophenol	54		65		11-114	18		50
2,4-Dinitrophenol	68		80		4-130	16		50
4,6-Dinitro-o-cresol	66		87		10-130	27		50
Pentachlorophenol	58		76		17-109	27		50
Phenol	58		72		26-90	22		50
2-Methylphenol	58		71		30-130.	20		50
3-Methylphenol/4-Methylphenol	58		72		30-130	22		50
2,4,5-Trichlorophenol	69		79		30-130	14		50
Carbazole	56		70		54-128	22		50
Atrazine	54		75		40-140	33		50
Benzaldehyde	45		56		40-140	22		50
Caprolactam	54		60		15-130	11		50
2,3,4,6-Tetrachlorophenol	64		80		40-140	22		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2429937

Report Date: 06/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1929295-2 WG1929295-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59		69		25-120
Phenol-d6	59		74		10-120
Nitrobenzene-d5	60		72		23-120
2-Fluorobiphenyl	64		76		30-120
2,4,6-Tribromophenol	61		78		10-136
4-Terphenyl-d14	66		77		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429937
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2429937-01
Client ID: AA WW-1 3-5
Sample Location: BUFFALO, NY
Date Collected: 05/30/24 14:00
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.08		mg/kg	0.857	0.178	2	06/05/24 23:21	06/06/24 10:08	EPA 3050B	1,6010D	DHL
Barium, Total	78.9		mg/kg	0.857	0.149	2	06/05/24 23:21	06/06/24 10:08	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.181	J	mg/kg	0.857	0.084	2	06/05/24 23:21	06/06/24 10:08	EPA 3050B	1,6010D	DHL
Chromium, Total	10.3		mg/kg	0.857	0.082	2	06/05/24 23:21	06/06/24 10:08	EPA 3050B	1,6010D	DHL
Lead, Total	12.0		mg/kg	4.28	0.230	2	06/05/24 23:21	06/06/24 10:08	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.070	0.046	1	06/05/24 23:40	06/06/24 13:28	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.71	0.221	2	06/05/24 23:21	06/06/24 10:08	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.428	0.242	2	06/05/24 23:21	06/06/24 10:08	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2429937
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2429937-02
Client ID: AA WW-2 3-5
Sample Location: BUFFALO, NY
Date Collected: 05/30/24 14:10
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.92		mg/kg	0.816	0.170	2	06/05/24 23:21	06/06/24 10:11	EPA 3050B	1,6010D	DHL
Barium, Total	60.8		mg/kg	0.816	0.142	2	06/05/24 23:21	06/06/24 10:11	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.212	J	mg/kg	0.816	0.080	2	06/05/24 23:21	06/06/24 10:11	EPA 3050B	1,6010D	DHL
Chromium, Total	12.3		mg/kg	0.816	0.078	2	06/05/24 23:21	06/06/24 10:11	EPA 3050B	1,6010D	DHL
Lead, Total	16.6		mg/kg	4.08	0.218	2	06/05/24 23:21	06/06/24 10:11	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.070	0.045	1	06/05/24 23:40	06/06/24 13:31	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.63	0.210	2	06/05/24 23:21	06/06/24 10:11	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.408	0.231	2	06/05/24 23:21	06/06/24 10:11	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2429937

Project Number: 4461.0001B002 **Report Date:** 06/06/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1930095-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Selenium, Total	0.169	J	mg/kg	0.800	0.103	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/05/24 23:21	06/06/24 08:44	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1930097-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/05/24 23:40	06/06/24 12:49	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2429937

Report Date: 06/06/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1930095-2								
Arsenic, Total	102		-		80-120	-		
Barium, Total	104		-		80-120	-		
Cadmium, Total	105		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Lead, Total	104		-		80-120	-		
Selenium, Total	105		-		80-120	-		
Silver, Total	104		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1930097-2								
Mercury, Total	98		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429937
Report Date: 06/06/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1930095-3 QC Sample: L2430854-01 Client ID: MS Sample												
Arsenic, Total	0.796J	10.4	10.8	104		-	-		75-125	-		20
Barium, Total	118	173	278	92		-	-		75-125	-		20
Cadmium, Total	0.093J	4.58	4.63	101		-	-		75-125	-		20
Chromium, Total	23.2	17.3	37.2	81		-	-		75-125	-		20
Lead, Total	3.78J	45.8	46.1	100		-	-		75-125	-		20
Selenium, Total	ND	10.4	9.27	89		-	-		75-125	-		20
Silver, Total	ND	4.32	4.55	105		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1930097-3 QC Sample: L2430951-01 Client ID: MS Sample												
Mercury, Total	ND	1.88	1.88	100		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429937
Report Date: 06/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1930095-4 QC Sample: L2430854-01 Client ID: DUP Sample						
Arsenic, Total	0.796J	1.14	mg/kg	NC		20
Barium, Total	118	112	mg/kg	5		20
Cadmium, Total	0.093J	0.098J	mg/kg	NC		20
Chromium, Total	23.2	22.3	mg/kg	4		20
Lead, Total	3.78J	3.94J	mg/kg	NC		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1930097-4 QC Sample: L2430951-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429937
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2429937-01
Client ID: AA WW-1 3-5
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 14:00
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.8		%	0.100	NA	1	-	05/31/24 11:57	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429937
Report Date: 06/06/24

SAMPLE RESULTS

Lab ID: L2429937-02
Client ID: AA WW-2 3-5
Sample Location: BUFFALO, NY

Date Collected: 05/30/24 14:10
Date Received: 05/30/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.0		%	0.100	NA	1	-	05/31/24 11:57	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2429937

Report Date: 06/06/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1928006-1 QC Sample: L2430070-02 Client ID: DUP Sample						
Solids, Total	79.8	76.7	%	4		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2429937
Report Date: 06/06/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2429937-01A	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7)
L2429937-01B	Glass 60ml unpreserved split	A	NA		2.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2429937-02A	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7)
L2429937-02B	Glass 60ml unpreserved split	A	NA		2.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2429937
Project Number:	4461.0001B002	**Report Date:**	06/06/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2429937
Project Number:	4461.0001B002	**Report Date:**	06/06/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2429937
Project Number:	4461.0001B002	**Report Date:**	06/06/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2429937
Project Number:	4461.0001B002	**Report Date:**	06/06/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/31/24

ALPHA Job #: L2429937

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: rmunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	Total Bottle	Sample Specific Comments
29937-01	AA WW-1 3-5	5-30-24	1400	Soil	CEH	X	X		
-02	AA WW-2 3-5	5-30-24	1410	Soil	CEH	X	X		

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Chase Hathcock	5-30-24/1530	MAL/PACE	5/30/24 1530
MAL/PACE	5/30/24 1530		5/31/24 0150

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2431257
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	06/07/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2431257
Report Date: 06/07/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2431257-01	AA B-2 9	SOIL	BUFFALO, NY	06/05/24 11:40	06/05/24
L2431257-02	AA B-5 9	SOIL	BUFFALO, NY	06/05/24 11:50	06/05/24
L2431257-03	AA NW-1 5-7	SOIL	BUFFALO, NY	06/05/24 12:00	06/05/24
L2431257-04	AA NW-2 5-7	SOIL	BUFFALO, NY	06/05/24 12:10	06/05/24
L2431257-05	BLIND DUP 3	SOIL	BUFFALO, NY	06/05/24 08:00	06/05/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2431257
Project Number:	4461.0001B002	**Report Date:**	06/07/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2431257
Project Number:	4461.0001B002	**Report Date:**	06/07/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2431257-01 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 06/07/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431257
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-01
Client ID: AA B-2 9
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 11:40
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/06/24 12:13
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.12	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-01 Date Collected: 06/05/24 11:40

Client ID: AA B-2 9 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.85	1
Acetone	6.6	J	ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.10	1
n-Propylbenzene	ND		ug/kg	0.92	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
Methyl Acetate	ND		ug/kg	3.7	0.88	1
Cyclohexane	ND		ug/kg	9.2	0.50	1
1,4-Dioxane	ND		ug/kg	74	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	99		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431257
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-02
Client ID: AA B-5 9
Sample Location: BUFFALO, NY
Date Collected: 06/05/24 11:50
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/06/24 12:39
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.12	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.25	1
Tetrachloroethene	2.6		ug/kg	0.46	0.18	1
Chlorobenzene	1.5		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	0.75	J	ug/kg	0.92	0.50	1
Ethylbenzene	0.99		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	0.70		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	6.6		ug/kg	1.8	0.13	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-02 Date Collected: 06/05/24 11:50

Client ID: AA B-5 9 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	0.26	J	ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	1.9		ug/kg	1.8	0.16	1
Methyl tert butyl ether	0.23	J	ug/kg	1.8	0.19	1
p/m-Xylene	4.6		ug/kg	1.8	0.52	1
o-Xylene	3.0		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.85	1
Acetone	9.9		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
n-Butylbenzene	4.6		ug/kg	0.92	0.15	1
sec-Butylbenzene	3.1		ug/kg	0.92	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Isopropylbenzene	0.95		ug/kg	0.92	0.10	1
p-Isopropyltoluene	4.2		ug/kg	0.92	0.10	1
n-Propylbenzene	5.1		ug/kg	0.92	0.16	1
1,2,3-Trichlorobenzene	0.32	J	ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	0.36	J	ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	18		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	120		ug/kg	1.8	0.31	1
Methyl Acetate	ND		ug/kg	3.7	0.88	1
Cyclohexane	ND		ug/kg	9.2	0.50	1
1,4-Dioxane	ND		ug/kg	74	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	96		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-03
Client ID: AA NW-1 5-7
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 12:00
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/06/24 13:05
Analyst: AJK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-03 Date Collected: 06/05/24 12:00

Client ID: AA NW-1 5-7 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.17	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	7.0	J	ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
Methyl Acetate	ND		ug/kg	4.0	0.95	1
Cyclohexane	ND		ug/kg	10	0.54	1
1,4-Dioxane	ND		ug/kg	80	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	96		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-04
Client ID: AA NW-2 5-7
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 12:10
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/06/24 13:31
Analyst: AJK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	0.45	J	ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-04 Date Collected: 06/05/24 12:10

Client ID: AA NW-2 5-7 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	0.35	J	ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	8.9	J	ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	89	39.	1
Freon-113	ND		ug/kg	4.4	0.77	1
Methyl cyclohexane	ND		ug/kg	4.4	0.67	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	99		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-05
Client ID: BLIND DUP 3
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 08:00
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/06/24 13:57
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	2.8		ug/kg	0.87	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.87	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.87	0.11	1
Dibromochloromethane	ND		ug/kg	0.87	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.87	0.23	1
Tetrachloroethene	0.50		ug/kg	0.43	0.17	1
Chlorobenzene	5.4		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.87	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.87	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.5	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	0.46		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.87	0.47	1
Ethylbenzene	0.85	J	ug/kg	0.87	0.12	1
Chloromethane	ND		ug/kg	3.5	0.81	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.87	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	0.25	J	ug/kg	0.87	0.21	1
trans-1,2-Dichloroethene	0.51	J	ug/kg	1.3	0.12	1
Trichloroethene	5.8		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	3.3		ug/kg	1.7	0.12	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-05 Date Collected: 06/05/24 08:00

Client ID: BLIND DUP 3 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	0.96	J	ug/kg	1.7	0.15	1
Methyl tert butyl ether	6.1		ug/kg	1.7	0.17	1
p/m-Xylene	0.97	J	ug/kg	1.7	0.48	1
o-Xylene	0.35	J	ug/kg	0.87	0.25	1
cis-1,2-Dichloroethene	6.2		ug/kg	0.87	0.15	1
Styrene	ND		ug/kg	0.87	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.7	0.79	1
Acetone	9.1		ug/kg	8.7	4.2	1
Carbon disulfide	ND		ug/kg	8.7	3.9	1
2-Butanone	ND		ug/kg	8.7	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.7	1.1	1
2-Hexanone	ND		ug/kg	8.7	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.87	0.24	1
n-Butylbenzene	ND		ug/kg	0.87	0.14	1
sec-Butylbenzene	ND		ug/kg	0.87	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Isopropylbenzene	0.27	J	ug/kg	0.87	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.87	0.09	1
n-Propylbenzene	0.55	J	ug/kg	0.87	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.24	1
1,3,5-Trimethylbenzene	0.85	J	ug/kg	1.7	0.17	1
1,2,4-Trimethylbenzene	3.0		ug/kg	1.7	0.29	1
Methyl Acetate	ND		ug/kg	3.5	0.82	1
Cyclohexane	ND		ug/kg	8.7	0.47	1
1,4-Dioxane	ND		ug/kg	69	30.	1
Freon-113	ND		ug/kg	3.5	0.60	1
Methyl cyclohexane	ND		ug/kg	3.5	0.52	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	96		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/06/24 08:44
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG1930680-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/06/24 08:44
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG1930680-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/06/24 08:44
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG1930680-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2431257

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG1930680-3 WG1930680-4								
Methylene chloride	90		91		70-130	1		30
1,1-Dichloroethane	95		97		70-130	2		30
Chloroform	87		91		70-130	4		30
Carbon tetrachloride	89		95		70-130	7		30
1,2-Dichloropropane	94		100		70-130	6		30
Dibromochloromethane	90		98		70-130	9		30
1,1,2-Trichloroethane	86		93		70-130	8		30
Tetrachloroethene	99		104		70-130	5		30
Chlorobenzene	99		104		70-130	5		30
Trichlorofluoromethane	96		101		70-139	5		30
1,2-Dichloroethane	83		88		70-130	6		30
1,1,1-Trichloroethane	91		95		70-130	4		30
Bromodichloromethane	85		93		70-130	9		30
trans-1,3-Dichloropropene	92		97		70-130	5		30
cis-1,3-Dichloropropene	92		98		70-130	6		30
Bromoform	84		90		70-130	7		30
1,1,2,2-Tetrachloroethane	90		96		70-130	6		30
Benzene	96		102		70-130	6		30
Toluene	97		100		70-130	3		30
Ethylbenzene	98		103		70-130	5		30
Chloromethane	75		73		52-130	3		30
Bromomethane	117		106		57-147	10		30
Vinyl chloride	100		95		67-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2431257
Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG1930680-3 WG1930680-4								
Chloroethane	106		101		50-151	5		30
1,1-Dichloroethene	98		95		65-135	3		30
trans-1,2-Dichloroethene	97		96		70-130	1		30
Trichloroethene	89		95		70-130	7		30
1,2-Dichlorobenzene	98		104		70-130	6		30
1,3-Dichlorobenzene	102		108		70-130	6		30
1,4-Dichlorobenzene	99		106		70-130	7		30
Methyl tert butyl ether	89		91		66-130	2		30
p/m-Xylene	100		106		70-130	6		30
o-Xylene	99		102		70-130	3		30
cis-1,2-Dichloroethene	92		96		70-130	4		30
Styrene	99		105		70-130	6		30
Dichlorodifluoromethane	80		78		30-146	3		30
Acetone	81		78		54-140	4		30
Carbon disulfide	93		92		59-130	1		30
2-Butanone	**65**	Q	73		70-130	12		30
4-Methyl-2-pentanone	88		94		70-130	7		30
2-Hexanone	72		74		70-130	3		30
Bromochloromethane	92		94		70-130	2		30
1,2-Dibromoethane	87		94		70-130	8		30
n-Butylbenzene	106		112		70-130	6		30
sec-Butylbenzene	100		106		70-130	6		30
1,2-Dibromo-3-chloropropane	84		92		68-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2431257

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG1930680-3 WG1930680-4								
Isopropylbenzene	99		102		70-130	3		30
p-Isopropyltoluene	104		110		70-130	6		30
n-Propylbenzene	100		106		70-130	6		30
1,2,3-Trichlorobenzene	101		112		70-130	10		30
1,2,4-Trichlorobenzene	111		121		70-130	9		30
1,3,5-Trimethylbenzene	97		104		70-130	7		30
1,2,4-Trimethylbenzene	99		105		70-130	6		30
Methyl Acetate	72		71		51-146	1		30
Cyclohexane	90		94		59-142	4		30
1,4-Dioxane	108		111		65-136	3		30
Freon-113	101		101		50-139	0		30
Methyl cyclohexane	90		97		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	86		86		70-130
Toluene-d8	95		94		70-130
4-Bromofluorobenzene	93		93		70-130
Dibromofluoromethane	93		92		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431257
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-01
Client ID: AA B-2 9
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 11:40
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/06/24 14:22
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/06/24 05:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-01 Date Collected: 06/05/24 11:40
Client ID: AA B-2 9 Date Received: 06/05/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-01 Date Collected: 06/05/24 11:40

Client ID: AA B-2 9 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	95		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431257
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-02
Client ID: AA B-5 9
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 11:50
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/06/24 14:46
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/06/24 05:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	92	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-02 Date Collected: 06/05/24 11:50

Client ID: AA B-5 9 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	260		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-02 Date Collected: 06/05/24 11:50

Client ID: AA B-5 9 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	88		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431257
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-03
Client ID: AA NW-1 5-7
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 12:00
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/06/24 15:09
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/06/24 05:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-03 Date Collected: 06/05/24 12:00

Client ID: AA NW-1 5-7 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-03 Date Collected: 06/05/24 12:00

Client ID: AA NW-1 5-7 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	98		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431257
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-04
Client ID: AA NW-2 5-7
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 12:10
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/06/24 15:32
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/06/24 05:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-04 Date Collected: 06/05/24 12:10

Client ID: AA NW-2 5-7 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-04 Date Collected: 06/05/24 12:10

Client ID: AA NW-2 5-7 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	92		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431257
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-05
Client ID: BLIND DUP 3
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 08:00
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/06/24 15:55
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/06/24 05:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	44	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	29	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	22	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-05 Date Collected: 06/05/24 08:00

Client ID: BLIND DUP 3 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	21	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	32	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	38	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-05 Date Collected: 06/05/24 08:00

Client ID: BLIND DUP 3 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	95		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2431257
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/06/24 13:59
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/06/24 05:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1930424-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/06/24 13:59
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/06/24 05:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1930424-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431257
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/06/24 13:59
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/06/24 05:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1930424-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	102		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	107		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2431257
Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1930424-2 WG1930424-3								
Acenaphthene	85		89		31-137	5		50
Hexachlorobenzene	88		92		40-140	4		50
Bis(2-chloroethyl)ether	71		81		40-140	13		50
2-Chloronaphthalene	94		97		40-140	3		50
3,3'-Dichlorobenzidine	82		89		40-140	8		50
2,4-Dinitrotoluene	87		90		40-132	3		50
2,6-Dinitrotoluene	94		98		40-140	4		50
Fluoranthene	98		104		40-140	6		50
4-Chlorophenyl phenyl ether	98		101		40-140	3		50
4-Bromophenyl phenyl ether	96		100		40-140	4		50
Bis(2-chloroisopropyl)ether	76		83		40-140	9		50
Bis(2-chloroethoxy)methane	78		83		40-117	6		50
Hexachlorobutadiene	92		102		40-140	10		50
Hexachlorocyclopentadiene	**30**	Q	**29**	Q	40-140	3		50
Hexachloroethane	60		65		40-140	8		50
Isophorone	81		85		40-140	5		50
Naphthalene	81		89		40-140	9		50
Nitrobenzene	87		92		40-140	6		50
NDPA/DPA	91		95		36-157	4		50
n-Nitrosodi-n-propylamine	80		85		32-121	6		50
Bis(2-ethylhexyl)phthalate	78		84		40-140	7		50
Butyl benzyl phthalate	84		91		40-140	8		50
Di-n-butylphthalate	84		90		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2431257

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1930424-2 WG1930424-3								
Di-n-octylphthalate	74		79		40-140	7		50
Diethyl phthalate	82		87		40-140	6		50
Dimethyl phthalate	95		98		40-140	3		50
Benzo(a)anthracene	89		94		40-140	5		50
Benzo(a)pyrene	82		86		40-140	5		50
Benzo(b)fluoranthene	82		88		40-140	7		50
Benzo(k)fluoranthene	83		84		40-140	1		50
Chrysene	87		91		40-140	4		50
Acenaphthylene	96		101		40-140	5		50
Anthracene	90		98		40-140	9		50
Benzo(ghi)perylene	80		86		40-140	7		50
Fluorene	90		94		40-140	4		50
Phenanthrene	86		92		40-140	7		50
Dibenzo(a,h)anthracene	83		88		40-140	6		50
Indeno(1,2,3-cd)pyrene	85		91		40-140	7		50
Pyrene	98		104		35-142	6		50
Biphenyl	83		87		37-127	5		50
4-Chloroaniline	88		71		40-140	21		50
2-Nitroaniline	107		109		47-134	2		50
3-Nitroaniline	93		96		26-129	3		50
4-Nitroaniline	102		101		41-125	1		50
Dibenzofuran	89		93		40-140	4		50
2-Methylnaphthalene	89		94		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2431257

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1930424-2 WG1930424-3								
1,2,4,5-Tetrachlorobenzene	92		96		40-117	4		50
Acetophenone	72		78		14-144	8		50
2,4,6-Trichlorophenol	108		110		30-130	2		50
p-Chloro-m-cresol	94		94		26-103	0		50
2-Chlorophenol	81		88		25-102	8		50
2,4-Dichlorophenol	98		101		30-130	3		50
2,4-Dimethylphenol	78		83		30-130	6		50
2-Nitrophenol	80		84		30-130	5		50
4-Nitrophenol	88		90		11-114	2		50
2,4-Dinitrophenol	19		18		4-130	5		50
4,6-Dinitro-o-cresol	18		16		10-130	12		50
Pentachlorophenol	96		99		17-109	3		50
Phenol	82		88		26-90	7		50
2-Methylphenol	84		89		30-130.	6		50
3-Methylphenol/4-Methylphenol	85		87		30-130	2		50
2,4,5-Trichlorophenol	112		114		30-130	2		50
Carbazole	87		93		54-128	7		50
Atrazine	83		87		40-140	5		50
Benzaldehyde	66		72		40-140	9		50
Caprolactam	86		88		15-130	2		50
2,3,4,6-Tetrachlorophenol	106		111		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2431257

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1930424-2 WG1930424-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	78		88		25-120
Phenol-d6	81		86		10-120
Nitrobenzene-d5	83		90		23-120
2-Fluorobiphenyl	92		97		30-120
2,4,6-Tribromophenol	87		89		10-136
4-Terphenyl-d14	96		101		18-120

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431257
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-01
Client ID: AA B-2 9
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 11:40
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/06/24 15:32
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/06/24 05:14
Cleanup Method: EPA 3665A
Cleanup Date: 06/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.0	4.71	1	A
Aroclor 1221	ND		ug/kg	53.0	5.31	1	A
Aroclor 1232	ND		ug/kg	53.0	11.2	1	A
Aroclor 1242	ND		ug/kg	53.0	7.15	1	A
Aroclor 1248	ND		ug/kg	53.0	7.96	1	A
Aroclor 1254	ND		ug/kg	53.0	5.80	1	A
Aroclor 1260	ND		ug/kg	53.0	9.80	1	A
Aroclor 1262	ND		ug/kg	53.0	6.74	1	A
Aroclor 1268	ND		ug/kg	53.0	5.49	1	A
PCBs, Total	ND		ug/kg	53.0	4.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431257
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-02
Client ID: AA B-5 9
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 11:50
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/06/24 15:40
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/06/24 05:14
Cleanup Method: EPA 3665A
Cleanup Date: 06/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.9	4.61	1	A
Aroclor 1221	ND		ug/kg	51.9	5.20	1	A
Aroclor 1232	ND		ug/kg	51.9	11.0	1	A
Aroclor 1242	ND		ug/kg	51.9	7.00	1	A
Aroclor 1248	ND		ug/kg	51.9	7.78	1	A
Aroclor 1254	ND		ug/kg	51.9	5.68	1	A
Aroclor 1260	ND		ug/kg	51.9	9.59	1	A
Aroclor 1262	ND		ug/kg	51.9	6.59	1	A
Aroclor 1268	ND		ug/kg	51.9	5.38	1	A
PCBs, Total	ND		ug/kg	51.9	4.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: 1681-1689 MAIN STREET
Lab Number: L2431257
Project Number: 4461.0001B002
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-03
Client ID: AA NW-1 5-7
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 12:00
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/06/24 15:48
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/06/24 05:14
Cleanup Method: EPA 3665A
Cleanup Date: 06/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.5	4.66	1	A
Aroclor 1221	ND		ug/kg	52.5	5.26	1	A
Aroclor 1232	ND		ug/kg	52.5	11.1	1	A
Aroclor 1242	ND		ug/kg	52.5	7.08	1	A
Aroclor 1248	ND		ug/kg	52.5	7.88	1	A
Aroclor 1254	ND		ug/kg	52.5	5.75	1	A
Aroclor 1260	ND		ug/kg	52.5	9.71	1	A
Aroclor 1262	ND		ug/kg	52.5	6.67	1	A
Aroclor 1268	ND		ug/kg	52.5	5.44	1	A
PCBs, Total	ND		ug/kg	52.5	4.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-04
Client ID: AA NW-2 5-7
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 12:10
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/06/24 15:55
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/06/24 05:14
Cleanup Method: EPA 3665A
Cleanup Date: 06/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.7	4.85	1	A
Aroclor 1221	ND		ug/kg	54.7	5.48	1	A
Aroclor 1232	ND		ug/kg	54.7	11.6	1	A
Aroclor 1242	ND		ug/kg	54.7	7.37	1	A
Aroclor 1248	ND		ug/kg	54.7	8.20	1	A
Aroclor 1254	ND		ug/kg	54.7	5.98	1	A
Aroclor 1260	ND		ug/kg	54.7	10.1	1	A
Aroclor 1262	ND		ug/kg	54.7	6.94	1	A
Aroclor 1268	ND		ug/kg	54.7	5.66	1	A
PCBs, Total	ND		ug/kg	54.7	4.85	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431257
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-05
Client ID: BLIND DUP 3
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 08:00
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/06/24 16:03
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/06/24 05:14
Cleanup Method: EPA 3665A
Cleanup Date: 06/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.5	4.66	1	A
Aroclor 1221	ND		ug/kg	52.5	5.26	1	A
Aroclor 1232	ND		ug/kg	52.5	11.1	1	A
Aroclor 1242	ND		ug/kg	52.5	7.08	1	A
Aroclor 1248	ND		ug/kg	52.5	7.87	1	A
Aroclor 1254	ND		ug/kg	52.5	5.74	1	A
Aroclor 1260	ND		ug/kg	52.5	9.70	1	A
Aroclor 1262	ND		ug/kg	52.5	6.67	1	A
Aroclor 1268	ND		ug/kg	52.5	5.44	1	A
PCBs, Total	ND		ug/kg	52.5	4.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431257
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/06/24 15:10
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/06/24 05:14
Cleanup Method: EPA 3665A
Cleanup Date: 06/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-05 Batch: WG1930408-1						
Aroclor 1016	ND		ug/kg	48.6	4.32	A
Aroclor 1221	ND		ug/kg	48.6	4.87	A
Aroclor 1232	ND		ug/kg	48.6	10.3	A
Aroclor 1242	ND		ug/kg	48.6	6.56	A
Aroclor 1248	ND		ug/kg	48.6	7.30	A
Aroclor 1254	ND		ug/kg	48.6	5.32	A
Aroclor 1260	ND		ug/kg	48.6	8.99	A
Aroclor 1262	ND		ug/kg	48.6	6.18	A
Aroclor 1268	ND		ug/kg	48.6	5.04	A
PCBs, Total	ND		ug/kg	48.6	4.32	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	66		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2431257

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1930408-2 WG1930408-3									
Aroclor 1016	82		72		40-140	13		50	A
Aroclor 1260	79		70		40-140	12		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		72		30-150	A
Decachlorobiphenyl	90		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		68		30-150	B
Decachlorobiphenyl	77		68		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-01 Date Collected: 06/05/24 11:40

Client ID: AA B-2 9 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.92		mg/kg	0.870	0.181	2	06/06/24 09:00	06/07/24 08:01	EPA 3050B	1,6010D	MAM
Barium, Total	36.7		mg/kg	0.870	0.151	2	06/06/24 09:00	06/07/24 08:01	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.190	J	mg/kg	0.870	0.085	2	06/06/24 09:00	06/07/24 08:01	EPA 3050B	1,6010D	MAM
Chromium, Total	6.66		mg/kg	0.870	0.084	2	06/06/24 09:00	06/07/24 08:01	EPA 3050B	1,6010D	MAM
Lead, Total	8.48		mg/kg	4.35	0.233	2	06/06/24 09:00	06/07/24 08:01	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.071	0.046	1	06/06/24 10:35	06/06/24 21:39	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.74	0.224	2	06/06/24 09:00	06/07/24 08:01	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.435	0.246	2	06/06/24 09:00	06/07/24 08:01	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-02 Date Collected: 06/05/24 11:50

Client ID: AA B-5 9 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.89		mg/kg	0.860	0.179	2	06/06/24 09:00	06/07/24 08:05	EPA 3050B	1,6010D	MAM
Barium, Total	42.8		mg/kg	0.860	0.150	2	06/06/24 09:00	06/07/24 08:05	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.189	J	mg/kg	0.860	0.084	2	06/06/24 09:00	06/07/24 08:05	EPA 3050B	1,6010D	MAM
Chromium, Total	6.50		mg/kg	0.860	0.083	2	06/06/24 09:00	06/07/24 08:05	EPA 3050B	1,6010D	MAM
Lead, Total	11.8		mg/kg	4.30	0.230	2	06/06/24 09:00	06/07/24 08:05	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/06/24 10:35	06/06/24 21:42	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.72	0.222	2	06/06/24 09:00	06/07/24 08:05	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.430	0.243	2	06/06/24 09:00	06/07/24 08:05	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431257
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-03
Client ID: AA NW-1 5-7
Sample Location: BUFFALO, NY
Date Collected: 06/05/24 12:00
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.09		mg/kg	0.873	0.182	2	06/06/24 09:00	06/07/24 08:08	EPA 3050B	1,6010D	MAM
Barium, Total	48.3		mg/kg	0.873	0.152	2	06/06/24 09:00	06/07/24 08:08	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.176	J	mg/kg	0.873	0.086	2	06/06/24 09:00	06/07/24 08:08	EPA 3050B	1,6010D	MAM
Chromium, Total	8.88		mg/kg	0.873	0.084	2	06/06/24 09:00	06/07/24 08:08	EPA 3050B	1,6010D	MAM
Lead, Total	11.6		mg/kg	4.37	0.234	2	06/06/24 09:00	06/07/24 08:08	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.073	0.048	1	06/06/24 10:35	06/06/24 21:46	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.75	0.225	2	06/06/24 09:00	06/07/24 08:08	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.437	0.247	2	06/06/24 09:00	06/07/24 08:08	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431257
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-04
Client ID: AA NW-2 5-7
Sample Location: BUFFALO, NY
Date Collected: 06/05/24 12:10
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.14		mg/kg	0.853	0.177	2	06/06/24 09:00	06/07/24 07:24	EPA 3050B	1,6010D	MAM
Barium, Total	49.8		mg/kg	0.853	0.148	2	06/06/24 09:00	06/07/24 07:24	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.182	J	mg/kg	0.853	0.084	2	06/06/24 09:00	06/07/24 07:24	EPA 3050B	1,6010D	MAM
Chromium, Total	9.77		mg/kg	0.853	0.082	2	06/06/24 09:00	06/07/24 07:24	EPA 3050B	1,6010D	MAM
Lead, Total	12.6		mg/kg	4.26	0.229	2	06/06/24 09:00	06/07/24 07:24	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.071	0.047	1	06/06/24 10:35	06/06/24 21:49	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.71	0.220	2	06/06/24 09:00	06/07/24 07:24	EPA 3050B	1,6010D	MAM
Silver, Total	0.254	J	mg/kg	0.426	0.241	2	06/06/24 09:00	06/07/24 07:24	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-05 Date Collected: 06/05/24 08:00

Client ID: BLIND DUP 3 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.50		mg/kg	0.866	0.180	2	06/06/24 09:00	06/07/24 07:27	EPA 3050B	1,6010D	MAM
Barium, Total	50.4		mg/kg	0.866	0.151	2	06/06/24 09:00	06/07/24 07:27	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.202	J	mg/kg	0.866	0.085	2	06/06/24 09:00	06/07/24 07:27	EPA 3050B	1,6010D	MAM
Chromium, Total	9.59		mg/kg	0.866	0.083	2	06/06/24 09:00	06/07/24 07:27	EPA 3050B	1,6010D	MAM
Lead, Total	12.7		mg/kg	4.33	0.232	2	06/06/24 09:00	06/07/24 07:27	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.071	0.046	1	06/06/24 10:35	06/06/24 21:52	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.73	0.223	2	06/06/24 09:00	06/07/24 07:27	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.433	0.245	2	06/06/24 09:00	06/07/24 07:27	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431257

Project Number: 4461.0001B002 **Report Date:** 06/07/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1930418-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/06/24 09:00	06/07/24 07:16	1,6010D	MAM
Barium, Total	ND		mg/kg	0.400	0.070	1	06/06/24 09:00	06/07/24 07:16	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/06/24 09:00	06/07/24 07:16	1,6010D	MAM
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/06/24 09:00	06/07/24 07:16	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	06/06/24 09:00	06/07/24 07:16	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/06/24 09:00	06/07/24 07:16	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	06/06/24 09:00	06/07/24 07:16	1,6010D	MAM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1930419-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/06/24 10:35	06/06/24 20:26	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2431257

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1930418-2								
Arsenic, Total	101		-		80-120	-		
Barium, Total	99		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Chromium, Total	98		-		80-120	-		
Lead, Total	101		-		80-120	-		
Selenium, Total	103		-		80-120	-		
Silver, Total	100		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1930419-2								
Mercury, Total	95		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2431257
Report Date: 06/07/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1930418-3 QC Sample: L2430420-01 Client ID: MS Sample												
Arsenic, Total	2.71	10.5	12.4	92		-	-		75-125	-		20
Barium, Total	57.4	175	216	90		-	-		75-125	-		20
Cadmium, Total	0.124J	4.64	4.26	92		-	-		75-125	-		20
Chromium, Total	12.7	17.5	28.7	91		-	-		75-125	-		20
Lead, Total	14.2	46.4	58.4	95		-	-		75-125	-		20
Selenium, Total	ND	10.5	8.51	81		-	-		75-125	-		20
Silver, Total	0.260J	4.38	4.26	97		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1930419-3 QC Sample: L2430420-01 Client ID: MS Sample												
Mercury, Total	ND	1.42	1.42	100		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2431257

Report Date: 06/07/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1930418-4 QC Sample: L2430420-01 Client ID: DUP Sample						
Arsenic, Total	2.71	2.95	mg/kg	8		20
Barium, Total	57.4	55.2	mg/kg	4		20
Cadmium, Total	0.124J	0.167J	mg/kg	NC		20
Chromium, Total	12.7	19.5	mg/kg	**42**	Q	20
Lead, Total	14.2	13.4	mg/kg	6		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	0.260J	0.297J	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1930419-4 QC Sample: L2430420-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2431257
Report Date: 06/07/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1930418-6 QC Sample: L2430420-01 Client ID: DUP Sample						
Barium, Total	57.4	58.9	mg/kg	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2431257
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-01
Client ID: AA B-2 9
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 11:40
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	06/06/24 08:09	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2431257
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-02
Client ID: AA B-5 9
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 11:50
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.7		%	0.100	NA	1	-	06/06/24 08:09	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2431257
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-03
Client ID: AA NW-1 5-7
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 12:00
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	06/06/24 08:09	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2431257
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-04
Client ID: AA NW-2 5-7
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 12:10
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	06/06/24 08:09	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2431257
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2431257-05
Client ID: BLIND DUP 3
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 08:00
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	06/06/24 08:09	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2431257

Report Date: 06/07/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1930469-1 QC Sample: L2430769-01 Client ID: DUP Sample						
Solids, Total	95.8	94.1	%	2		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2431257
Report Date: 06/07/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2431257-01A	Vial Large Septa unpreserved (4oz)	A	NA		3.7	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2431257-01B	Vial Large Septa unpreserved (4oz)	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2431257-01C	Glass 250ml/8oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2431257-01X	Vial MeOH preserved split	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2431257-01Y	Vial Water preserved split	A	NA		3.7	Y	Absent	06-JUN-24 06:48	NYTCL-8260-R2(14)
L2431257-01Z	Vial Water preserved split	A	NA		3.7	Y	Absent	06-JUN-24 06:48	NYTCL-8260-R2(14)
L2431257-02A	Vial Large Septa unpreserved (4oz)	A	NA		3.7	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2431257-02B	Vial Large Septa unpreserved (4oz)	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2431257-02C	Glass 250ml/8oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2431257-02X	Vial MeOH preserved split	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2431257-02Y	Vial Water preserved split	A	NA		3.7	Y	Absent	06-JUN-24 06:48	NYTCL-8260-R2(14)
L2431257-02Z	Vial Water preserved split	A	NA		3.7	Y	Absent	06-JUN-24 06:48	NYTCL-8260-R2(14)
L2431257-03A	Vial Large Septa unpreserved (4oz)	A	NA		3.7	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2431257-03B	Vial Large Septa unpreserved (4oz)	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2431257-03C	Glass 250ml/8oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2431257-03X	Vial MeOH preserved split	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2431257-03Y	Vial Water preserved split	A	NA		3.7	Y	Absent	06-JUN-24 06:48	NYTCL-8260-R2(14)
L2431257-03Z	Vial Water preserved split	A	NA		3.7	Y	Absent	06-JUN-24 06:48	NYTCL-8260-R2(14)
L2431257-04A	Vial Large Septa unpreserved (4oz)	A	NA		3.7	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2431257-04B	Vial Large Septa unpreserved (4oz)	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2431257
Report Date: 06/07/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2431257-04C	Glass 250ml/8oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2431257-04X	Vial MeOH preserved split	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2431257-04Y	Vial Water preserved split	A	NA		3.7	Y	Absent	06-JUN-24 06:48	NYTCL-8260-R2(14)
L2431257-04Z	Vial Water preserved split	A	NA		3.7	Y	Absent	06-JUN-24 06:48	NYTCL-8260-R2(14)
L2431257-05A	Vial Large Septa unpreserved (4oz)	A	NA		3.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2431257-05B	Vial Large Septa unpreserved (4oz)	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2431257-05C	Glass 250ml/8oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2431257-05X	Vial MeOH preserved split	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2431257-05Y	Vial Water preserved split	A	NA		3.7	Y	Absent	06-JUN-24 06:48	NYTCL-8260-R2(14)
L2431257-05Z	Vial Water preserved split	A	NA		3.7	Y	Absent	06-JUN-24 06:48	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2431257
Project Number:	4461.0001B002	**Report Date:**	06/07/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2431257
Project Number:	4461.0001B002	**Report Date:**	06/07/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2431257
Project Number:	4461.0001B002	**Report Date:**	06/07/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2431257
Project Number:	4461.0001B002	**Report Date:**	06/07/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 6/6/24

ALPHA Job #: L2431257

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY
Phone: 716-856-0599
Fax:
Email: AMunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 2 Day TAT

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL + CP-51 VOCs	TCL SVOCs	RCRA Metals	PCBs	Total Bottle	Sample Specific Comments
31257-01	AA B-2 9	6-5-24	1140	Soil	CEH	X	X	X	X		
02	AA B-5 9	↓	1150	↓	↓	X	X	X	X		
03	AA NW-1 5-7		1200			X	X	X	X		
04	AA NW-2 5-7		1210			X	X	X	X		
05	Blind Dup 3		800			X	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type											
Preservative											

Relinquished By:	Date/Time	Received By:	Date/Time
Charles Hochreiter	6-5-24/1505	Mitch PAGE	6/5/24 1505
Mitch PAGE	6/5/24 1505		6/6/24 0140

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2431266
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	06/12/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2431266
Report Date: 06/12/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2431266-01	AA WW-3 5-7	SOIL	BUFFALO, NY	06/05/24 11:30	06/05/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2431266
Project Number:	4461.0001B002	**Report Date:**	06/12/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2431266
Project Number:	4461.0001B002	**Report Date:**	06/12/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2431266-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 06/12/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431266
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2431266-01
Client ID: AA WW-3 5-7
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 11:30
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/09/24 21:46
Analyst: MKS
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3.5	1.6	1
1,1-Dichloroethane	ND		ug/kg	0.70	0.10	1
Chloroform	ND		ug/kg	1.0	0.10	1
Carbon tetrachloride	ND		ug/kg	0.70	0.16	1
1,2-Dichloropropane	ND		ug/kg	0.70	0.09	1
Dibromochloromethane	ND		ug/kg	0.70	0.10	1
1,1,2-Trichloroethane	ND		ug/kg	0.70	0.19	1
Tetrachloroethene	ND		ug/kg	0.35	0.14	1
Chlorobenzene	ND		ug/kg	0.35	0.09	1
Trichlorofluoromethane	ND		ug/kg	2.8	0.49	1
1,2-Dichloroethane	ND		ug/kg	0.70	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	0.35	0.12	1
Bromodichloromethane	ND		ug/kg	0.35	0.08	1
trans-1,3-Dichloropropene	ND		ug/kg	0.70	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	0.35	0.11	1
Bromoform	ND		ug/kg	2.8	0.17	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.35	0.12	1
Benzene	ND		ug/kg	0.35	0.12	1
Toluene	0.53	J	ug/kg	0.70	0.38	1
Ethylbenzene	0.52	J	ug/kg	0.70	0.10	1
Chloromethane	ND		ug/kg	2.8	0.65	1
Bromomethane	ND		ug/kg	1.4	0.41	1
Vinyl chloride	ND		ug/kg	0.70	0.23	1
Chloroethane	ND		ug/kg	1.4	0.32	1
1,1-Dichloroethene	ND		ug/kg	0.70	0.17	1
trans-1,2-Dichloroethene	ND		ug/kg	1.0	0.10	1
Trichloroethene	ND		ug/kg	0.35	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	1.4	0.10	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431266

Project Number: 4461.0001B002 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2431266-01 Date Collected: 06/05/24 11:30

Client ID: AA WW-3 5-7 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.4	0.10	1
1,4-Dichlorobenzene	ND		ug/kg	1.4	0.12	1
Methyl tert butyl ether	ND		ug/kg	1.4	0.14	1
p/m-Xylene	3.0		ug/kg	1.4	0.39	1
o-Xylene	0.74		ug/kg	0.70	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	0.70	0.12	1
Styrene	ND		ug/kg	0.70	0.14	1
Dichlorodifluoromethane	ND		ug/kg	7.0	0.64	1
Acetone	6.3	J	ug/kg	7.0	3.4	1
Carbon disulfide	ND		ug/kg	7.0	3.2	1
2-Butanone	ND		ug/kg	7.0	1.6	1
4-Methyl-2-pentanone	ND		ug/kg	7.0	0.90	1
2-Hexanone	ND		ug/kg	7.0	0.82	1
Bromochloromethane	ND		ug/kg	1.4	0.14	1
1,2-Dibromoethane	ND		ug/kg	0.70	0.20	1
n-Butylbenzene	ND		ug/kg	0.70	0.12	1
sec-Butylbenzene	ND		ug/kg	0.70	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.1	0.70	1
Isopropylbenzene	ND		ug/kg	0.70	0.08	1
p-Isopropyltoluene	ND		ug/kg	0.70	0.08	1
n-Propylbenzene	ND		ug/kg	0.70	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.4	0.22	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.4	0.19	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.4	0.14	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.4	0.23	1
Methyl Acetate	ND		ug/kg	2.8	0.66	1
Cyclohexane	ND		ug/kg	7.0	0.38	1
1,4-Dioxane	ND		ug/kg	56	24.	1
Freon-113	ND		ug/kg	2.8	0.48	1
Methyl cyclohexane	ND		ug/kg	2.8	0.42	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431266

Project Number: 4461.0001B002 **Report Date:** 06/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/09/24 17:55
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1931954-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.98	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	0.15	J	ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.82	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431266

Project Number: 4461.0001B002 **Report Date:** 06/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/09/24 17:55
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1931954-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431266

Project Number: 4461.0001B002 **Report Date:** 06/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/09/24 17:55
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01 Batch: WG1931954-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2431266

Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1931954-3 WG1931954-4								
Methylene chloride	97		98		70-130	1		30
1,1-Dichloroethane	100		100		70-130	0		30
Chloroform	104		106		70-130	2		30
Carbon tetrachloride	98		99		70-130	1		30
1,2-Dichloropropane	101		103		70-130	2		30
Dibromochloromethane	94		94		70-130	0		30
1,1,2-Trichloroethane	96		98		70-130	2		30
Tetrachloroethene	105		104		70-130	1		30
Chlorobenzene	103		103		70-130	0		30
Trichlorofluoromethane	110		109		70-139	1		30
1,2-Dichloroethane	103		107		70-130	4		30
1,1,1-Trichloroethane	100		102		70-130	2		30
Bromodichloromethane	97		98		70-130	1		30
trans-1,3-Dichloropropene	99		99		70-130	0		30
cis-1,3-Dichloropropene	98		100		70-130	2		30
Bromoform	86		86		70-130	0		30
1,1,2,2-Tetrachloroethane	88		91		70-130	3		30
Benzene	102		102		70-130	0		30
Toluene	102		101		70-130	1		30
Ethylbenzene	103		102		70-130	1		30
Chloromethane	111		107		52-130	4		30
Bromomethane	132		126		57-147	5		30
Vinyl chloride	108		105		67-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2431266

Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1931954-3 WG1931954-4								
Chloroethane	110		107		50-151	3		30
1,1-Dichloroethene	100		101		65-135	1		30
trans-1,2-Dichloroethene	104		105		70-130	1		30
Trichloroethene	100		103		70-130	3		30
1,2-Dichlorobenzene	100		100		70-130	0		30
1,3-Dichlorobenzene	101		101		70-130	0		30
1,4-Dichlorobenzene	99		100		70-130	1		30
Methyl tert butyl ether	96		100		66-130	4		30
p/m-Xylene	104		104		70-130	0		30
o-Xylene	103		102		70-130	1		30
cis-1,2-Dichloroethene	95		94		70-130	1		30
Styrene	100		100		70-130	0		30
Dichlorodifluoromethane	105		102		30-146	3		30
Acetone	95		102		54-140	7		30
Carbon disulfide	107		106		59-130	1		30
2-Butanone	87		94		70-130	8		30
4-Methyl-2-pentanone	85		92		70-130	8		30
2-Hexanone	86		93		70-130	8		30
Bromochloromethane	98		98		70-130	0		30
1,2-Dibromoethane	96		100		70-130	4		30
n-Butylbenzene	104		103		70-130	1		30
sec-Butylbenzene	104		104		70-130	0		30
1,2-Dibromo-3-chloropropane	84		86		68-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2431266

Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01 Batch: WG1931954-3 WG1931954-4								
Isopropylbenzene	104		104		70-130	0		30
p-Isopropyltoluene	103		103		70-130	0		30
n-Propylbenzene	105		104		70-130	1		30
1,2,3-Trichlorobenzene	97		98		70-130	1		30
1,2,4-Trichlorobenzene	98		98		70-130	0		30
1,3,5-Trimethylbenzene	103		102		70-130	1		30
1,2,4-Trimethylbenzene	102		101		70-130	1		30
Methyl Acetate	98		106		51-146	8		30
Cyclohexane	103		106		59-142	3		30
1,4-Dioxane	93		109		65-136	16		30
Freon-113	107		107		50-139	0		30
Methyl cyclohexane	99		101		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		106		70-130
Toluene-d8	101		99		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	99		102		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431266
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2431266-01
Client ID: AA WW-3 5-7
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 11:30
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/11/24 00:51
Analyst: SZ
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/08/24 20:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431266

Project Number: 4461.0001B002 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2431266-01 Date Collected: 06/05/24 11:30

Client ID: AA WW-3 5-7 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431266

Project Number: 4461.0001B002 **Report Date:** 06/12/24

SAMPLE RESULTS

Lab ID: L2431266-01 Date Collected: 06/05/24 11:30

Client ID: AA WW-3 5-7 Date Received: 06/05/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	74		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431266
Report Date: 06/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/09/24 13:00
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/08/24 16:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1931642-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431266
Report Date: 06/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/09/24 13:00
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/08/24 16:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1931642-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431266
Report Date: 06/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/09/24 13:00
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/08/24 16:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1931642-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	70		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2431266

Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1931642-2 WG1931642-3								
Acenaphthene	72		73		31-137	1		50
Hexachlorobenzene	67		69		40-140	3		50
Bis(2-chloroethyl)ether	77		74		40-140	4		50
2-Chloronaphthalene	74		74		40-140	0		50
3,3'-Dichlorobenzidine	60		66		40-140	10		50
2,4-Dinitrotoluene	84		88		40-132	5		50
2,6-Dinitrotoluene	86		89		40-140	3		50
Fluoranthene	73		73		40-140	0		50
4-Chlorophenyl phenyl ether	69		70		40-140	1		50
4-Bromophenyl phenyl ether	69		72		40-140	4		50
Bis(2-chloroisopropyl)ether	102		100		40-140	2		50
Bis(2-chloroethoxy)methane	81		80		40-117	1		50
Hexachlorobutadiene	67		65		40-140	3		50
Hexachlorocyclopentadiene	84		84		40-140	0		50
Hexachloroethane	72		72		40-140	0		50
Isophorone	79		80		40-140	1		50
Naphthalene	74		73		40-140	1		50
Nitrobenzene	83		81		40-140	2		50
NDPA/DPA	72		73		36-157	1		50
n-Nitrosodi-n-propylamine	80		80		32-121	0		50
Bis(2-ethylhexyl)phthalate	95		95		40-140	0		50
Butyl benzyl phthalate	91		92		40-140	1		50
Di-n-butylphthalate	77		78		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2431266
Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1931642-2 WG1931642-3								
Di-n-octylphthalate	99		100		40-140	1		50
Diethyl phthalate	71		73		40-140	3		50
Dimethyl phthalate	77		76		40-140	1		50
Benzo(a)anthracene	79		78		40-140	1		50
Benzo(a)pyrene	80		81		40-140	1		50
Benzo(b)fluoranthene	79		79		40-140	0		50
Benzo(k)fluoranthene	79		78		40-140	1		50
Chrysene	79		80		40-140	1		50
Acenaphthylene	75		76		40-140	1		50
Anthracene	75		74		40-140	1		50
Benzo(ghi)perylene	74		77		40-140	4		50
Fluorene	70		71		40-140	1		50
Phenanthrene	73		72		40-140	1		50
Dibenzo(a,h)anthracene	76		76		40-140	0		50
Indeno(1,2,3-cd)pyrene	76		78		40-140	3		50
Pyrene	74		73		35-142	1		50
Biphenyl	72		72		37-127	0		50
4-Chloroaniline	80		76		40-140	5		50
2-Nitroaniline	95		91		47-134	4		50
3-Nitroaniline	67		74		26-129	10		50
4-Nitroaniline	79		82		41-125	4		50
Dibenzofuran	68		70		40-140	3		50
2-Methylnaphthalene	77		76		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2431266

Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1931642-2 WG1931642-3								
1,2,4,5-Tetrachlorobenzene	68		68		40-117	0		50
Acetophenone	77		76		14-144	1		50
2,4,6-Trichlorophenol	80		80		30-130	0		50
p-Chloro-m-cresol	83		84		26-103	1		50
2-Chlorophenol	78		76		25-102	3		50
2,4-Dichlorophenol	79		79		30-130	0		50
2,4-Dimethylphenol	95		94		30-130	1		50
2-Nitrophenol	92		91		30-130	1		50
4-Nitrophenol	99		104		11-114	5		50
2,4-Dinitrophenol	87		91		4-130	4		50
4,6-Dinitro-o-cresol	90		93		10-130	3		50
Pentachlorophenol	62		68		17-109	9		50
Phenol	75		75		26-90	0		50
2-Methylphenol	82		83		30-130.	1		50
3-Methylphenol/4-Methylphenol	88		90		30-130	2		50
2,4,5-Trichlorophenol	78		79		30-130	1		50
Carbazole	77		77		54-128	0		50
Atrazine	66		69		40-140	4		50
Benzaldehyde	68		67		40-140	1		50
Caprolactam	130		**132**	Q	15-130	2		50
2,3,4,6-Tetrachlorophenol	76		74		40-140	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2431266

Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1931642-2 WG1931642-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	84		78		25-120
Phenol-d6	84		78		10-120
Nitrobenzene-d5	84		77		23-120
2-Fluorobiphenyl	76		70		30-120
2,4,6-Tribromophenol	67		64		10-136
4-Terphenyl-d14	69		64		18-120

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431266
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2431266-01
Client ID: AA WW-3 5-7
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 11:30
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/09/24 17:37
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/08/24 17:49
Cleanup Method: EPA 3665A
Cleanup Date: 06/09/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/09/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.8	4.95	1	A
Aroclor 1221	ND		ug/kg	55.8	5.59	1	A
Aroclor 1232	ND		ug/kg	55.8	11.8	1	A
Aroclor 1242	ND		ug/kg	55.8	7.52	1	A
Aroclor 1248	ND		ug/kg	55.8	8.37	1	A
Aroclor 1254	ND		ug/kg	55.8	6.10	1	A
Aroclor 1260	ND		ug/kg	55.8	10.3	1	A
Aroclor 1262	ND		ug/kg	55.8	7.08	1	A
Aroclor 1268	ND		ug/kg	55.8	5.78	1	A
PCBs, Total	ND		ug/kg	55.8	4.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431266
Report Date: 06/12/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/09/24 17:13
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/08/24 17:48
Cleanup Method: EPA 3665A
Cleanup Date: 06/09/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/09/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1931652-1						
Aroclor 1016	ND		ug/kg	49.0	4.35	A
Aroclor 1221	ND		ug/kg	49.0	4.91	A
Aroclor 1232	ND		ug/kg	49.0	10.4	A
Aroclor 1242	ND		ug/kg	49.0	6.61	A
Aroclor 1248	ND		ug/kg	49.0	7.35	A
Aroclor 1254	ND		ug/kg	49.0	5.36	A
Aroclor 1260	ND		ug/kg	49.0	9.06	A
Aroclor 1262	ND		ug/kg	49.0	6.22	A
Aroclor 1268	ND		ug/kg	49.0	5.08	A
PCBs, Total	ND		ug/kg	49.0	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	72		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2431266

Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1931652-2 WG1931652-3									
Aroclor 1016	74		75		40-140	1		50	A
Aroclor 1260	71		72		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		72		30-150	A
Decachlorobiphenyl	75		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		76		30-150	B
Decachlorobiphenyl	82		81		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2431266
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2431266-01
Client ID: AA WW-3 5-7
Sample Location: BUFFALO, NY
Date Collected: 06/05/24 11:30
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.08		mg/kg	0.881	0.183	2	06/12/24 01:16	06/12/24 15:21	EPA 3050B	1,6010D	HJM
Barium, Total	52.1		mg/kg	0.881	0.153	2	06/12/24 01:16	06/12/24 15:21	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.881	0.086	2	06/12/24 01:16	06/12/24 15:21	EPA 3050B	1,6010D	HJM
Chromium, Total	8.32		mg/kg	0.881	0.085	2	06/12/24 01:16	06/12/24 15:21	EPA 3050B	1,6010D	HJM
Lead, Total	11.7		mg/kg	4.40	0.236	2	06/12/24 01:16	06/12/24 15:21	EPA 3050B	1,6010D	HJM
Mercury, Total	ND		mg/kg	0.080	0.052	1	06/12/24 02:25	06/12/24 14:24	EPA 7471B	1,7471B	JWN
Selenium, Total	0.617	J	mg/kg	1.76	0.227	2	06/12/24 01:16	06/12/24 15:21	EPA 3050B	1,6010D	HJM
Silver, Total	ND		mg/kg	0.440	0.249	2	06/12/24 01:16	06/12/24 15:21	EPA 3050B	1,6010D	HJM

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2431266

Project Number: 4461.0001B002 **Report Date:** 06/12/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1932719-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/12/24 01:16	06/12/24 13:35	1,6010D	HJM
Barium, Total	ND		mg/kg	0.400	0.070	1	06/12/24 01:16	06/12/24 13:35	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/12/24 01:16	06/12/24 13:35	1,6010D	HJM
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/12/24 01:16	06/12/24 13:35	1,6010D	HJM
Lead, Total	ND		mg/kg	2.00	0.107	1	06/12/24 01:16	06/12/24 13:35	1,6010D	HJM
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/12/24 01:16	06/12/24 13:35	1,6010D	HJM
Silver, Total	ND		mg/kg	0.200	0.113	1	06/12/24 01:16	06/12/24 13:35	1,6010D	HJM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1932723-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/12/24 02:25	06/12/24 13:21	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2431266

Report Date: 06/12/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1932719-2								
Arsenic, Total	95		-		80-120	-		
Barium, Total	99		-		80-120	-		
Cadmium, Total	97		-		80-120	-		
Chromium, Total	96		-		80-120	-		
Lead, Total	99		-		80-120	-		
Selenium, Total	101		-		80-120	-		
Silver, Total	100		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1932723-2								
Mercury, Total	102		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2431266
Report Date: 06/12/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1932719-3 WG1932719-4 QC Sample: L2431297-02 Client ID: MS Sample												
Arsenic, Total	2.43	10.4	15.2	123		11.9	91		75-125	**24**	Q	20
Barium, Total	28.0	173	192	94		184	90		75-125	4		20
Cadmium, Total	ND	4.59	4.02	87		3.90	85		75-125	3		20
Chromium, Total	10.7	17.3	27.2	95		25.6	86		75-125	6		20
Lead, Total	15.9	45.9	58.8	93		55.9	87		75-125	5		20
Selenium, Total	0.330J	10.4	9.91	95		9.31	89		75-125	6		20
Silver, Total	ND	4.33	4.04	93		3.93	90		75-125	3		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1932723-3 WG1932723-4 QC Sample: L2431297-02 Client ID: MS Sample												
Mercury, Total	0.071J	1.64	1.77	108		1.67	106		80-120	6		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2431266
Report Date: 06/12/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1932719-6 QC Sample: L2431297-02 Client ID: DUP Sample						
Barium, Total	28.0	29.1	mg/kg	4		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2431266
Report Date: 06/12/24

SAMPLE RESULTS

Lab ID: L2431266-01
Client ID: AA WW-3 5-7
Sample Location: BUFFALO, NY

Date Collected: 06/05/24 11:30
Date Received: 06/05/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	06/06/24 10:54	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2431266

Report Date: 06/12/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1930488-1 QC Sample: L2431121-21 Client ID: DUP Sample						
Solids, Total	58.6	63.5	%	8		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2431266
Report Date: 06/12/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2431266-01A	Vial Large Septa unpreserved (4oz)	A	NA		3.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2431266-01B	Vial Large Septa unpreserved (4oz)	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2431266-01C	Glass 250ml/8oz unpreserved	A	NA		3.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2431266-01X	Vial MeOH preserved split	A	NA		3.7	Y	Absent		NYTCL-8260-R2(14)
L2431266-01Y	Vial Water preserved split	A	NA		3.7	Y	Absent	**09-JUN-24 08:52**	NYTCL-8260-R2(14)
L2431266-01Z	Vial Water preserved split	A	NA		3.7	Y	Absent	**09-JUN-24 08:52**	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2431266
Project Number:	4461.0001B002	**Report Date:**	06/12/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2431266
Project Number:	4461.0001B002	**Report Date:**	06/12/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2431266
Project Number:	4461.0001B002	**Report Date:**	06/12/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2431266
Project Number:	4461.0001B002	**Report Date:**	06/12/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 6/6/24

ALPHA Job #: L2431266

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: jmunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project # 4461-0001 Boo 2
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL + CP-51 VOCs	TCL SVOCs	RCRA Metals	PCBs	Sample Specific Comments	Total Bottle
31266-01	AA ww-3 5-7	6-5-24	1130	Soil	CEH	X	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Chris Hochrait	6-5-24 1505	MM/AL PACE	6/5/24 1505
MM/AL PACE	6/5/24 1505		6/6/24 0140

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2432686
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	06/13/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2432686
Report Date: 06/13/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2432686-01	AA B-8 9	SOIL	BUFFALO, NY	06/11/24 11:00	06/11/24
L2432686-02	AA B-10 9	SOIL	BUFFALO, NY	06/11/24 11:10	06/11/24
L2432686-03	AA B-11 14	SOIL	BUFFALO, NY	06/11/24 11:20	06/11/24
L2432686-04	AA NW-3 5-7	SOIL	BUFFALO, NY	06/11/24 11:30	06/11/24
L2432686-05	AA NW-4 8-10	SOIL	BUFFALO, NY	06/11/24 11:40	06/11/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2432686
Project Number:	4461.0001B002	**Report Date:**	06/13/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2432686
Project Number:	4461.0001B002	**Report Date:**	06/13/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the samples not being collected according to 5035-L/5035A-L low-level specifications.

Semivolatile Organics

The WG1933013-4/-5 MS/MSD recoveries, performed on L2432686-03, are below the acceptance criteria for 2,4-dinitrophenol (0%/0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.

Total Metals

L2432686-01 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 06/13/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-01
Client ID: AA B-8 9
Sample Location: BUFFALO, NY
Date Collected: 06/11/24 11:00
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/12/24 15:27
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	3.6	J	ug/kg	5.6	2.6	1
1,1-Dichloroethane	0.69	J	ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	1.6		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	ND		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-01 Date Collected: 06/11/24 11:00

Client ID: AA B-8 9 Date Received: 06/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.38	1
Methyl Acetate	ND		ug/kg	4.5	1.1	1
Cyclohexane	ND		ug/kg	11	0.61	1
1,4-Dioxane	ND		ug/kg	90	39.	1
Freon-113	ND		ug/kg	4.5	0.78	1
Methyl cyclohexane	ND		ug/kg	4.5	0.68	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	90		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-02
Client ID: AA B-10 9
Sample Location: BUFFALO, NY

Date Collected: 06/11/24 11:10
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/12/24 15:50
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	4.1	J	ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.81	1
1,2-Dichloroethane	2.2		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.20	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	0.74	J	ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-02 Date Collected: 06/11/24 11:10

Client ID: AA B-10 9 Date Received: 06/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.24	1
p/m-Xylene	ND		ug/kg	2.3	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.39	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Cyclohexane	ND		ug/kg	12	0.64	1
1,4-Dioxane	ND		ug/kg	94	41.	1
Freon-113	ND		ug/kg	4.7	0.81	1
Methyl cyclohexane	ND		ug/kg	4.7	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	90		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-03
Client ID: AA B-11 14
Sample Location: BUFFALO, NY

Date Collected: 06/11/24 11:20
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/12/24 16:13
Analyst: JIC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	3.7	J	ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	0.76	J	ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-03 Date Collected: 06/11/24 11:20

Client ID: AA B-11 14 Date Received: 06/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.99	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
Methyl Acetate	ND		ug/kg	4.3	1.0	1
Cyclohexane	ND		ug/kg	11	0.59	1
1,4-Dioxane	ND		ug/kg	87	38.	1
Freon-113	ND		ug/kg	4.3	0.75	1
Methyl cyclohexane	ND		ug/kg	4.3	0.65	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	91		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-04
Client ID: AA NW-3 5-7
Sample Location: BUFFALO, NY

Date Collected: 06/11/24 11:30
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/12/24 14:41
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	0.17	J	ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-04 Date Collected: 06/11/24 11:30

Client ID: AA NW-3 5-7 Date Received: 06/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	8.6	J	ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.59	1
1,4-Dioxane	ND		ug/kg	87	38.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-05
Client ID: AA NW-4 8-10
Sample Location: BUFFALO, NY
Date Collected: 06/11/24 11:40
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/12/24 14:20
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	3.0	J	ug/kg	6.6	3.0	1
1,1-Dichloroethane	3.5		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.92	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	2.0		ug/kg	1.3	0.72	1
Ethylbenzene	0.58	J	ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.6	0.77	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.60	1
1,1-Dichloroethene	0.92	J	ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-05 Date Collected: 06/11/24 11:40

Client ID: AA NW-4 8-10 Date Received: 06/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.23	1
Methyl tert butyl ether	1.1	J	ug/kg	2.6	0.27	1
p/m-Xylene	0.96	J	ug/kg	2.6	0.74	1
o-Xylene	0.62	J	ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	9.3	J	ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.44	1
Methyl Acetate	ND		ug/kg	5.3	1.3	1
Cyclohexane	ND		ug/kg	13	0.72	1
1,4-Dioxane	ND		ug/kg	110	46.	1
Freon-113	ND		ug/kg	5.3	0.92	1
Methyl cyclohexane	ND		ug/kg	5.3	0.80	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	100		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/12/24 08:10
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1933770-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/12/24 08:10
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1933770-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/12/24 08:10
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1933770-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	95		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/12/24 08:01
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04-05 Batch: WG1933815-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/12/24 08:01
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04-05 Batch: WG1933815-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/12/24 08:01
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04-05 Batch: WG1933815-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2432686

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1933770-3 WG1933770-4								
Methylene chloride	96		99		70-130	3		30
1,1-Dichloroethane	95		96		70-130	1		30
Chloroform	99		99		70-130	0		30
Carbon tetrachloride	98		100		70-130	2		30
1,2-Dichloropropane	92		92		70-130	0		30
Dibromochloromethane	98		100		70-130	2		30
1,1,2-Trichloroethane	96		99		70-130	3		30
Tetrachloroethene	89		87		70-130	2		30
Chlorobenzene	99		100		70-130	1		30
Trichlorofluoromethane	88		91		70-139	3		30
1,2-Dichloroethane	96		98		70-130	2		30
1,1,1-Trichloroethane	102		103		70-130	1		30
Bromodichloromethane	101		102		70-130	1		30
trans-1,3-Dichloropropene	112		110		70-130	2		30
cis-1,3-Dichloropropene	101		100		70-130	1		30
Bromoform	95		96		70-130	1		30
1,1,2,2-Tetrachloroethane	107		105		70-130	2		30
Benzene	102		100		70-130	2		30
Toluene	103		102		70-130	1		30
Ethylbenzene	104		104		70-130	0		30
Chloromethane	56		56		52-130	0		30
Bromomethane	81		82		57-147	1		30
Vinyl chloride	**64**	Q	67		67-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2432686

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1933770-3 WG1933770-4								
Chloroethane	75		78		50-151	4		30
1,1-Dichloroethene	106		106		65-135	0		30
trans-1,2-Dichloroethene	102		101		70-130	1		30
Trichloroethene	102		104		70-130	2		30
1,2-Dichlorobenzene	106		106		70-130	0		30
1,3-Dichlorobenzene	107		107		70-130	0		30
1,4-Dichlorobenzene	106		106		70-130	0		30
Methyl tert butyl ether	106		107		66-130	1		30
p/m-Xylene	103		106		70-130	3		30
o-Xylene	103		106		70-130	3		30
cis-1,2-Dichloroethene	97		98		70-130	1		30
Styrene	106		107		70-130	1		30
Dichlorodifluoromethane	61		62		30-146	2		30
Acetone	55		60		54-140	9		30
Carbon disulfide	100		103		59-130	3		30
2-Butanone	**56**	Q	**57**	Q	70-130	2		30
4-Methyl-2-pentanone	72		78		70-130	8		30
2-Hexanone	**58**	Q	**64**	Q	70-130	10		30
Bromochloromethane	95		96		70-130	1		30
1,2-Dibromoethane	100		104		70-130	4		30
n-Butylbenzene	119		119		70-130	0		30
sec-Butylbenzene	116		116		70-130	0		30
1,2-Dibromo-3-chloropropane	92		95		68-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2432686

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1933770-3 WG1933770-4								
Isopropylbenzene	122		120		70-130	2		30
p-Isopropyltoluene	109		110		70-130	1		30
n-Propylbenzene	118		118		70-130	0		30
1,2,3-Trichlorobenzene	103		104		70-130	1		30
1,2,4-Trichlorobenzene	109		110		70-130	1		30
1,3,5-Trimethylbenzene	122		122		70-130	0		30
1,2,4-Trimethylbenzene	123		123		70-130	0		30
Methyl Acetate	60		62		51-146	3		30
Cyclohexane	82		83		59-142	1		30
1,4-Dioxane	86		102		65-136	17		30
Freon-113	98		98		50-139	0		30
Methyl cyclohexane	95		95		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		104		70-130
Toluene-d8	103		104		70-130
4-Bromofluorobenzene	120		119		70-130
Dibromofluoromethane	93		96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2432686

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04-05 Batch: WG1933815-3 WG1933815-4								
Methylene chloride	83		85		70-130	2		30
1,1-Dichloroethane	92		92		70-130	0		30
Chloroform	90		91		70-130	1		30
Carbon tetrachloride	80		79		70-130	1		30
1,2-Dichloropropane	92		95		70-130	3		30
Dibromochloromethane	75		80		70-130	6		30
1,1,2-Trichloroethane	86		91		70-130	6		30
Tetrachloroethene	86		86		70-130	0		30
Chlorobenzene	87		90		70-130	3		30
Trichlorofluoromethane	93		89		70-139	4		30
1,2-Dichloroethane	95		101		70-130	6		30
1,1,1-Trichloroethane	84		84		70-130	0		30
Bromodichloromethane	83		85		70-130	2		30
trans-1,3-Dichloropropene	85		89		70-130	5		30
cis-1,3-Dichloropropene	86		89		70-130	3		30
Bromoform	**67**	Q	71		70-130	6		30
1,1,2,2-Tetrachloroethane	82		88		70-130	7		30
Benzene	89		89		70-130	0		30
Toluene	88		88		70-130	0		30
Ethylbenzene	88		89		70-130	1		30
Chloromethane	107		102		52-130	5		30
Bromomethane	112		108		57-147	4		30
Vinyl chloride	92		89		67-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2432686

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04-05 Batch: WG1933815-3 WG1933815-4								
Chloroethane	100		98		50-151	2		30
1,1-Dichloroethene	83		82		65-135	1		30
trans-1,2-Dichloroethene	86		87		70-130	1		30
Trichloroethene	86		86		70-130	0		30
1,2-Dichlorobenzene	88		87		70-130	1		30
1,3-Dichlorobenzene	90		88		70-130	2		30
1,4-Dichlorobenzene	88		87		70-130	1		30
Methyl tert butyl ether	84		88		66-130	5		30
p/m-Xylene	89		90		70-130	1		30
o-Xylene	88		89		70-130	1		30
cis-1,2-Dichloroethene	80		80		70-130	0		30
Styrene	86		89		70-130	3		30
Dichlorodifluoromethane	83		80		30-146	4		30
Acetone	104		113		54-140	8		30
Carbon disulfide	91		88		59-130	3		30
2-Butanone	88		102		70-130	15		30
4-Methyl-2-pentanone	72		85		70-130	17		30
2-Hexanone	76		88		70-130	15		30
Bromochloromethane	84		86		70-130	2		30
1,2-Dibromoethane	82		90		70-130	9		30
n-Butylbenzene	94		92		70-130	2		30
sec-Butylbenzene	90		88		70-130	2		30
1,2-Dibromo-3-chloropropane	**65**	Q	72		68-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2432686

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04-05 Batch: WG1933815-3 WG1933815-4								
Isopropylbenzene	88		86		70-130	2		30
p-Isopropyltoluene	88		86		70-130	2		30
n-Propylbenzene	92		90		70-130	2		30
1,2,3-Trichlorobenzene	84		84		70-130	0		30
1,2,4-Trichlorobenzene	86		86		70-130	0		30
1,3,5-Trimethylbenzene	89		87		70-130	2		30
1,2,4-Trimethylbenzene	89		87		70-130	2		30
Methyl Acetate	102		114		51-146	11		30
Cyclohexane	87		86		59-142	1		30
1,4-Dioxane	84		101		65-136	18		30
Freon-113	88		86		50-139	2		30
Methyl cyclohexane	80		79		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		111		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	98		96		70-130
Dibromofluoromethane	102		102		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2432686

Report Date: 06/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1933770-6 WG1933770-7 QC Sample: L2432686-03 Client ID: AA B-11 14												
Methylene chloride	3.7J	131	130	97		130	100		70-130	4		30
1,1-Dichloroethane	ND	131	130	95		130	99		70-130	5		30
Chloroform	ND	131	120	91		130	95		70-130	5		30
Carbon tetrachloride	ND	131	120	91		130	98		70-130	8		30
1,2-Dichloropropane	ND	131	120	90		130	96		70-130	7		30
Dibromochloromethane	ND	131	120	88		130	94		70-130	7		30
1,1,2-Trichloroethane	ND	131	120	90		130	96		70-130	7		30
Tetrachloroethene	ND	131	98	74		110	81		70-130	10		30
Chlorobenzene	ND	131	110	85		120	92		70-130	9		30
Trichlorofluoromethane	ND	131	110	83		110	86		70-139	4		30
1,2-Dichloroethane	0.76J	131	110	83		110	86		70-130	4		30
1,1,1-Trichloroethane	ND	131	130	97		140	102		70-130	6		30
Bromodichloromethane	ND	131	120	91		130	95		70-130	5		30
trans-1,3-Dichloropropene	ND	131	130	96		130	100		70-130	5		30
cis-1,3-Dichloropropene	ND	131	110	84		120	89		70-130	7		30
Bromoform	ND	131	110	87		120	91		70-130	6		30
1,1,2,2-Tetrachloroethane	ND	131	120	91		130	95		70-130	5		30
Benzene	ND	131	130	98		140	104		70-130	7		30
Toluene	ND	131	130	97		140	104		70-130	8		30
Ethylbenzene	ND	131	120	89		130	97		70-130	10		30
Chloromethane	ND	131	76	58		79	60		52-130	4		30
Bromomethane	ND	131	98	74		100	76		57-147	3		30
Vinyl chloride	ND	131	96	73		100	75		67-130	4		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2432686

Report Date: 06/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1933770-6 WG1933770-7 QC Sample: L2432686-03 Client ID: AA B-11 14												
Chloroethane	ND	131	100	79		110	79		50-151	1		30
1,1-Dichloroethene	ND	131	150	113		150	115		65-135	3		30
trans-1,2-Dichloroethene	ND	131	130	100		140	105		70-130	6		30
Trichloroethene	ND	131	130	97		140	103		70-130	8		30
1,2-Dichlorobenzene	ND	131	100	78		110	85		70-130	9		30
1,3-Dichlorobenzene	ND	131	100	76		110	84		70-130	10		30
1,4-Dichlorobenzene	ND	131	98	74		110	81		70-130	9		30
Methyl tert butyl ether	ND	131	130	98		140	104		66-130	7		30
p/m-Xylene	ND	263	230	89		260	98		70-130	11		30
o-Xylene	ND	263	240	91		260	98		70-130	9		30
cis-1,2-Dichloroethene	ND	131	120	94		130	99		70-130	6		30
Styrene	ND	263	230	87		250	94		70-130	10		30
Dichlorodifluoromethane	ND	131	78	59		83	62		30-146	6		30
Acetone	ND	131	82	63		89	67		54-140	7		30
Carbon disulfide	ND	131	140	106		150	110		59-130	5		30
2-Butanone	ND	131	67	**51**	Q	73	**55**	Q	70-130	9		30
4-Methyl-2-pentanone	ND	131	90	**69**	Q	97	73		70-130	8		30
2-Hexanone	ND	131	76	**57**	Q	83	**62**	Q	70-130	9		30
Bromochloromethane	ND	131	120	88		120	92		70-130	5		30
1,2-Dibromoethane	ND	131	120	90		130	96		70-130	8		30
n-Butylbenzene	ND	131	100	78		120	87		70-130	12		30
sec-Butylbenzene	ND	131	120	91		130	100		70-130	10		30
1,2-Dibromo-3-chloropropane	ND	131	110	81		110	85		68-130	6		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2432686
Report Date: 06/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1933770-6 WG1933770-7 QC Sample: L2432686-03 Client ID: AA B-11 14												
Isopropylbenzene	ND	131	140	107		150	116		70-130	9		30
p-Isopropyltoluene	ND	131	110	80		120	87		70-130	10		30
n-Propylbenzene	ND	131	130	95		140	104		70-130	10		30
1,2,3-Trichlorobenzene	ND	131	75	**57**	Q	80	**60**	Q	70-130	6		30
1,2,4-Trichlorobenzene	ND	131	75	**57**	Q	80	**60**	Q	70-130	6		30
1,3,5-Trimethylbenzene	ND	131	130	99		140	106		70-130	8		30
1,2,4-Trimethylbenzene	ND	131	130	97		140	105		70-130	9		30
Methyl Acetate	ND	131	79	60		83	62		51-146	5		30
Cyclohexane	ND	131	110	85		120	93		59-142	9		30
1,4-Dioxane	ND	6570	5900	89		6000	90		65-136	2		30
Freon-113	ND	131	130	100		140	107		50-139	8		30
Methyl cyclohexane	ND	131	110	87		130	96		70-130	12		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		93		70-130
4-Bromofluorobenzene	126		122		70-130
Dibromofluoromethane	91		90		70-130
Toluene-d8	107		107		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-01
Client ID: AA B-8 9
Sample Location: BUFFALO, NY

Date Collected: 06/11/24 11:00
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/12/24 19:02
Analyst: MRG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/12/24 02:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-01 Date Collected: 06/11/24 11:00

Client ID: AA B-8 9 Date Received: 06/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-01 Date Collected: 06/11/24 11:00

Client ID: AA B-8 9 Date Received: 06/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	86		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-02
Client ID: AA B-10 9
Sample Location: BUFFALO, NY

Date Collected: 06/11/24 11:10
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/12/24 19:25
Analyst: MRG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/12/24 02:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-02 Date Collected: 06/11/24 11:10

Client ID: AA B-10 9 Date Received: 06/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-02 Date Collected: 06/11/24 11:10

Client ID: AA B-10 9 Date Received: 06/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	74		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-03
Client ID: AA B-11 14
Sample Location: BUFFALO, NY

Date Collected: 06/11/24 11:20
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/12/24 19:48
Analyst: MRG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/12/24 02:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-03 Date Collected: 06/11/24 11:20

Client ID: AA B-11 14 Date Received: 06/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-03 Date Collected: 06/11/24 11:20

Client ID: AA B-11 14 Date Received: 06/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	77		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-04
Client ID: AA NW-3 5-7
Sample Location: BUFFALO, NY

Date Collected: 06/11/24 11:30
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/12/24 20:57
Analyst: MRG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/12/24 02:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-04 Date Collected: 06/11/24 11:30

Client ID: AA NW-3 5-7 Date Received: 06/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-04 Date Collected: 06/11/24 11:30

Client ID: AA NW-3 5-7 Date Received: 06/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		25-120
Phenol-d6	48		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	51		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	48		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-05
Client ID: AA NW-4 8-10
Sample Location: BUFFALO, NY

Date Collected: 06/11/24 11:40
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/12/24 21:20
Analyst: MRG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/12/24 02:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-05 Date Collected: 06/11/24 11:40

Client ID: AA NW-4 8-10 Date Received: 06/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-05 Date Collected: 06/11/24 11:40

Client ID: AA NW-4 8-10 Date Received: 06/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	77		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2432686
Report Date: 06/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/12/24 14:03
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 06/12/24 02:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1933013-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2432686
Report Date: 06/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/12/24 14:03
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 06/12/24 02:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1933013-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2432686
Report Date: 06/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/12/24 14:03
Analyst: MRG

Extraction Method: EPA 3546
Extraction Date: 06/12/24 02:33

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1933013-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	90		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2432686

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1933013-2 WG1933013-3								
Acenaphthene	84		78		31-137	7		50
Hexachlorobenzene	89		79		40-140	12		50
Bis(2-chloroethyl)ether	77		70		40-140	10		50
2-Chloronaphthalene	91		86		40-140	6		50
3,3'-Dichlorobenzidine	87		85		40-140	2		50
2,4-Dinitrotoluene	98		93		40-132	5		50
2,6-Dinitrotoluene	103		95		40-140	8		50
Fluoranthene	97		90		40-140	7		50
4-Chlorophenyl phenyl ether	99		93		40-140	6		50
4-Bromophenyl phenyl ether	96		90		40-140	6		50
Bis(2-chloroisopropyl)ether	81		74		40-140	9		50
Bis(2-chloroethoxy)methane	80		72		40-117	11		50
Hexachlorobutadiene	99		91		40-140	8		50
Hexachlorocyclopentadiene	71		66		40-140	7		50
Hexachloroethane	77		70		40-140	10		50
Isophorone	82		75		40-140	9		50
Naphthalene	83		77		40-140	8		50
Nitrobenzene	88		82		40-140	7		50
NDPA/DPA	90		85		36-157	6		50
n-Nitrosodi-n-propylamine	82		75		32-121	9		50
Bis(2-ethylhexyl)phthalate	79		74		40-140	7		50
Butyl benzyl phthalate	86		79		40-140	8		50
Di-n-butylphthalate	85		78		40-140	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2432686

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1933013-2 WG1933013-3								
Di-n-octylphthalate	77		70		40-140	10		50
Diethyl phthalate	84		78		40-140	7		50
Dimethyl phthalate	93		86		40-140	8		50
Benzo(a)anthracene	90		85		40-140	6		50
Benzo(a)pyrene	87		82		40-140	6		50
Benzo(b)fluoranthene	83		78		40-140	6		50
Benzo(k)fluoranthene	90		82		40-140	9		50
Chrysene	89		83		40-140	7		50
Acenaphthylene	94		88		40-140	7		50
Anthracene	92		84		40-140	9		50
Benzo(ghi)perylene	81		77		40-140	5		50
Fluorene	89		82		40-140	8		50
Phenanthrene	87		82		40-140	6		50
Dibenzo(a,h)anthracene	83		79		40-140	5		50
Indeno(1,2,3-cd)pyrene	84		79		40-140	6		50
Pyrene	96		89		35-142	8		50
Biphenyl	82		76		37-127	8		50
4-Chloroaniline	75		71		40-140	5		50
2-Nitroaniline	96		89		47-134	8		50
3-Nitroaniline	76		72		26-129	5		50
4-Nitroaniline	79		75		41-125	5		50
Dibenzofuran	88		83		40-140	6		50
2-Methylnaphthalene	88		82		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2432686

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1933013-2 WG1933013-3								
1,2,4,5-Tetrachlorobenzene	95		88		40-117	8		50
Acetophenone	75		68		14-144	10		50
2,4,6-Trichlorophenol	107		100		30-130	7		50
p-Chloro-m-cresol	92		87		26-103	6		50
2-Chlorophenol	82		76		25-102	8		50
2,4-Dichlorophenol	95		87		30-130	9		50
2,4-Dimethylphenol	82		74		30-130	10		50
2-Nitrophenol	92		85		30-130	8		50
4-Nitrophenol	96		90		11-114	6		50
2,4-Dinitrophenol	60		60		4-130	0		50
4,6-Dinitro-o-cresol	83		77		10-130	8		50
Pentachlorophenol	87		82		17-109	6		50
Phenol	84		78		26-90	7		50
2-Methylphenol	84		77		30-130.	9		50
3-Methylphenol/4-Methylphenol	92		85		30-130	8		50
2,4,5-Trichlorophenol	112		101		30-130	10		50
Carbazole	86		80		54-128	7		50
Atrazine	87		86		40-140	1		50
Benzaldehyde	67		62		40-140	8		50
Caprolactam	87		78		15-130	11		50
2,3,4,6-Tetrachlorophenol	104		94		40-140	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2432686

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1933013-2 WG1933013-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	84		60		25-120
Phenol-d6	84		59		10-120
Nitrobenzene-d5	88		61		23-120
2-Fluorobiphenyl	97		69		30-120
2,4,6-Tribromophenol	86		61		10-136
4-Terphenyl-d14	96		69		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2432686

Report Date: 06/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1933013-4 WG1933013-5 QC Sample: L2432686-03 Client ID: AA B-11 14												
Acenaphthene	ND	1610	1200	74		1300	80		31-137	8		50
Hexachlorobenzene	ND	1610	1100	68		1300	80		40-140	17		50
Bis(2-chloroethyl)ether	ND	1610	1100	68		1200	74		40-140	9		50
2-Chloronaphthalene	ND	1610	1200	74		1400	86		40-140	15		50
3,3'-Dichlorobenzidine	ND	1610	970	60		1200	74		40-140	21		50
2,4-Dinitrotoluene	ND	1610	1300	81		1500	93		40-132	14		50
2,6-Dinitrotoluene	ND	1610	1300	81		1600	99		40-140	21		50
Fluoranthene	ND	1610	1200	74		1400	86		40-140	15		50
4-Chlorophenyl phenyl ether	ND	1610	1300	81		1500	93		40-140	14		50
4-Bromophenyl phenyl ether	ND	1610	1300	81		1400	86		40-140	7		50
Bis(2-chloroisopropyl)ether	ND	1610	1200	74		1300	80		40-140	8		50
Bis(2-chloroethoxy)methane	ND	1610	1100	68		1200	74		40-117	9		50
Hexachlorobutadiene	ND	1610	1300	81		1600	99		40-140	21		50
Hexachlorocyclopentadiene	ND	1610	750	47		860	53		40-140	14		50
Hexachloroethane	ND	1610	1000	62		1200	74		40-140	18		50
Isophorone	ND	1610	1100	68		1300	80		40-140	17		50
Naphthalene	ND	1610	1100	68		1300	80		40-140	17		50
Nitrobenzene	ND	1610	1200	74		1400	86		40-140	15		50
NDPA/DPA	ND	1610	1200	74		1400	86		36-157	15		50
n-Nitrosodi-n-propylamine	ND	1610	1200	74		1300	80		32-121	8		50
Bis(2-ethylhexyl)phthalate	ND	1610	1000	62		1200	74		40-140	18		50
Butyl benzyl phthalate	ND	1610	1000	62		1200	74		40-140	18		50
Di-n-butylphthalate	ND	1610	1100	68		1300	80		40-140	17		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2432686

Report Date: 06/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1933013-4 WG1933013-5 QC Sample: L2432686-03 Client ID: AA B-11 14												
Di-n-octylphthalate	ND	1610	940	58		1100	68		40-140	16		50
Diethyl phthalate	ND	1610	1100	68		1300	80		40-140	17		50
Dimethyl phthalate	ND	1610	1200	74		1400	86		40-140	15		50
Benzo(a)anthracene	ND	1610	1100	68		1300	80		40-140	17		50
Benzo(a)pyrene	ND	1610	1100	68		1300	80		40-140	17		50
Benzo(b)fluoranthene	ND	1610	1000	62		1300	80		40-140	26		50
Benzo(k)fluoranthene	ND	1610	1100	68		1200	74		40-140	9		50
Chrysene	ND	1610	1100	68		1300	80		40-140	17		50
Acenaphthylene	ND	1610	1300	81		1400	86		40-140	7		50
Anthracene	ND	1610	1200	74		1400	86		40-140	15		50
Benzo(ghi)perylene	ND	1610	1000	62		1200	74		40-140	18		50
Fluorene	ND	1610	1200	74		1400	86		40-140	15		50
Phenanthrene	ND	1610	1200	74		1300	80		40-140	8		50
Dibenzo(a,h)anthracene	ND	1610	1000	62		1200	74		40-140	18		50
Indeno(1,2,3-cd)pyrene	ND	1610	1000	62		1200	74		40-140	18		50
Pyrene	ND	1610	1200	74		1400	86		35-142	15		50
Biphenyl	ND	1610	1100	68		1300	80		37-127	17		50
4-Chloroaniline	ND	1610	980	61		1200	74		40-140	20		50
2-Nitroaniline	ND	1610	1300	81		1500	93		47-134	14		50
3-Nitroaniline	ND	1610	1100	68		1200	74		26-129	9		50
4-Nitroaniline	ND	1610	1200	74		1400	86		41-125	15		50
Dibenzofuran	ND	1610	1200	74		1400	86		40-140	15		50
2-Methylnaphthalene	ND	1610	1200	74		1400	86		40-140	15		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2432686
Report Date: 06/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1933013-4 WG1933013-5 QC Sample: L2432686-03 Client ID: AA B-11 14												
1,2,4,5-Tetrachlorobenzene	ND	1610	1300	81		1400	86		40-117	7		50
Acetophenone	ND	1610	1000	62		1200	74		14-144	18		50
2,4,6-Trichlorophenol	ND	1610	1400	87		1500	93		30-130	7		50
p-Chloro-m-cresol	ND	1610	1200	74		1400	86		26-103	15		50
2-Chlorophenol	ND	1610	1100	68		1300	80		25-102	17		50
2,4-Dichlorophenol	ND	1610	1300	81		1400	86		30-130	7		50
2,4-Dimethylphenol	ND	1610	1100	68		1200	74		30-130	9		50
2-Nitrophenol	ND	1610	1200	74		1400	86		30-130	15		50
4-Nitrophenol	ND	1610	970	60		1300	80		11-114	29		50
2,4-Dinitrophenol	ND	1610	ND	**0**	Q	ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1610	290J	18		360J	22		10-130	22		50
Pentachlorophenol	ND	1610	890	55		990	61		17-109	11		50
Phenol	ND	1610	1100	68		1300	80		26-90	17		50
2-Methylphenol	ND	1610	1200	74		1300	80		30-130.	8		50
3-Methylphenol/4-Methylphenol	ND	1610	1200	74		1400	86		30-130	15		50
2,4,5-Trichlorophenol	ND	1610	1400	87		1600	99		30-130	13		50
Carbazole	ND	1610	1100	68		1300	80		54-128	17		50
Atrazine	ND	1610	1100	68		1400	86		40-140	24		50
Benzaldehyde	ND	1610	950	59		1100	68		40-140	15		50
Caprolactam	ND	1610	970	60		1100	68		15-130	13		50
2,3,4,6-Tetrachlorophenol	ND	1610	1200	74		1400	86		40-140	15		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2432686

Report Date: 06/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1933013-4 WG1933013-5 QC Sample: L2432686-03 Client ID: AA B-11 14												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	70		80		10-136
2-Fluorobiphenyl	79		95		30-120
2-Fluorophenol	72		83		25-120
4-Terphenyl-d14	73		83		18-120
Nitrobenzene-d5	76		89		23-120
Phenol-d6	71		79		10-120

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-01
Client ID: AA B-8 9
Sample Location: BUFFALO, NY

Date Collected: 06/11/24 11:00
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/12/24 14:36
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/12/24 05:59
Cleanup Method: EPA 3665A
Cleanup Date: 06/12/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/12/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.2	4.99	1	A
Aroclor 1221	ND		ug/kg	56.2	5.64	1	A
Aroclor 1232	ND		ug/kg	56.2	11.9	1	A
Aroclor 1242	ND		ug/kg	56.2	7.58	1	A
Aroclor 1248	ND		ug/kg	56.2	8.44	1	A
Aroclor 1254	ND		ug/kg	56.2	6.15	1	A
Aroclor 1260	ND		ug/kg	56.2	10.4	1	A
Aroclor 1262	ND		ug/kg	56.2	7.14	1	A
Aroclor 1268	ND		ug/kg	56.2	5.83	1	A
PCBs, Total	ND		ug/kg	56.2	4.99	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-02
Client ID: AA B-10 9
Sample Location: BUFFALO, NY

Date Collected: 06/11/24 11:10
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/13/24 06:39
Analyst: MHG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/12/24 19:00
Cleanup Method: EPA 3665A
Cleanup Date: 06/12/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/13/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.5	4.84	1	A
Aroclor 1221	ND		ug/kg	54.5	5.46	1	A
Aroclor 1232	ND		ug/kg	54.5	11.6	1	A
Aroclor 1242	ND		ug/kg	54.5	7.35	1	A
Aroclor 1248	ND		ug/kg	54.5	8.18	1	A
Aroclor 1254	ND		ug/kg	54.5	5.97	1	A
Aroclor 1260	ND		ug/kg	54.5	10.1	1	A
Aroclor 1262	ND		ug/kg	54.5	6.93	1	A
Aroclor 1268	ND		ug/kg	54.5	5.65	1	A
PCBs, Total	ND		ug/kg	54.5	4.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-03
Client ID: AA B-11 14
Sample Location: BUFFALO, NY

Date Collected: 06/11/24 11:20
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/12/24 14:51
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/12/24 05:59
Cleanup Method: EPA 3665A
Cleanup Date: 06/12/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/12/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.1	5.07	1	A
Aroclor 1221	ND		ug/kg	57.1	5.72	1	A
Aroclor 1232	ND		ug/kg	57.1	12.1	1	A
Aroclor 1242	ND		ug/kg	57.1	7.70	1	A
Aroclor 1248	ND		ug/kg	57.1	8.57	1	A
Aroclor 1254	ND		ug/kg	57.1	6.25	1	A
Aroclor 1260	ND		ug/kg	57.1	10.6	1	A
Aroclor 1262	ND		ug/kg	57.1	7.25	1	A
Aroclor 1268	ND		ug/kg	57.1	5.92	1	A
PCBs, Total	ND		ug/kg	57.1	5.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-04
Client ID: AA NW-3 5-7
Sample Location: BUFFALO, NY

Date Collected: 06/11/24 11:30
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/12/24 15:15
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/12/24 05:59
Cleanup Method: EPA 3665A
Cleanup Date: 06/12/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/12/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.9	4.78	1	A
Aroclor 1221	ND		ug/kg	53.9	5.40	1	A
Aroclor 1232	ND		ug/kg	53.9	11.4	1	A
Aroclor 1242	ND		ug/kg	53.9	7.26	1	A
Aroclor 1248	ND		ug/kg	53.9	8.08	1	A
Aroclor 1254	ND		ug/kg	53.9	5.89	1	A
Aroclor 1260	ND		ug/kg	53.9	9.95	1	A
Aroclor 1262	ND		ug/kg	53.9	6.84	1	A
Aroclor 1268	ND		ug/kg	53.9	5.58	1	A
PCBs, Total	ND		ug/kg	53.9	4.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-05
Client ID: AA NW-4 8-10
Sample Location: BUFFALO, NY

Date Collected: 06/11/24 11:40
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/12/24 15:23
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/12/24 05:59
Cleanup Method: EPA 3665A
Cleanup Date: 06/12/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/12/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.0	4.80	1	A
Aroclor 1221	ND		ug/kg	54.0	5.41	1	A
Aroclor 1232	ND		ug/kg	54.0	11.4	1	A
Aroclor 1242	ND		ug/kg	54.0	7.28	1	A
Aroclor 1248	ND		ug/kg	54.0	8.10	1	A
Aroclor 1254	ND		ug/kg	54.0	5.91	1	A
Aroclor 1260	ND		ug/kg	54.0	9.98	1	A
Aroclor 1262	ND		ug/kg	54.0	6.86	1	A
Aroclor 1268	ND		ug/kg	54.0	5.60	1	A
PCBs, Total	ND		ug/kg	54.0	4.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2432686
Report Date: 06/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/12/24 09:37
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/11/24 23:19
Cleanup Method: EPA 3665A
Cleanup Date: 06/12/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/12/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03-05 Batch: WG1932962-1						
Aroclor 1016	ND		ug/kg	49.8	4.42	A
Aroclor 1221	ND		ug/kg	49.8	4.98	A
Aroclor 1232	ND		ug/kg	49.8	10.5	A
Aroclor 1242	ND		ug/kg	49.8	6.71	A
Aroclor 1248	ND		ug/kg	49.8	7.46	A
Aroclor 1254	ND		ug/kg	49.8	5.44	A
Aroclor 1260	ND		ug/kg	49.8	9.19	A
Aroclor 1262	ND		ug/kg	49.8	6.32	A
PCBs, Total	32.6	J	ug/kg	49.8	4.42	A
Aroclor 1268	32.6	J	ug/kg	49.8	5.15	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2432686
Report Date: 06/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/12/24 19:44
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 06/12/24 08:34
Cleanup Method: EPA 3665A
Cleanup Date: 06/12/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/12/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02 Batch: WG1933166-1						
Aroclor 1016	ND		ug/kg	49.1	4.36	A
Aroclor 1221	ND		ug/kg	49.1	4.92	A
Aroclor 1232	ND		ug/kg	49.1	10.4	A
Aroclor 1242	ND		ug/kg	49.1	6.62	A
Aroclor 1248	ND		ug/kg	49.1	7.37	A
Aroclor 1254	ND		ug/kg	49.1	5.37	A
Aroclor 1260	ND		ug/kg	49.1	9.08	A
Aroclor 1262	ND		ug/kg	49.1	6.24	A
Aroclor 1268	ND		ug/kg	49.1	5.09	A
PCBs, Total	ND		ug/kg	49.1	4.36	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	69		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2432686

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1932962-2 WG1932962-3									
Aroclor 1016	102		103		40-140	1		50	A
Aroclor 1260	83		65		40-140	24		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	100		100		30-150	A
Decachlorobiphenyl	82		63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		92		30-150	B
Decachlorobiphenyl	70		71		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2432686

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02 Batch: WG1933166-2 WG1933166-3									
Aroclor 1016	78		85		40-140	9		50	A
Aroclor 1260	78		80		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		80		30-150	A
Decachlorobiphenyl	76		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		75		30-150	B
Decachlorobiphenyl	80		72		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2432686
Report Date: 06/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03-05 QC Batch ID: WG1932962-4 WG1932962-5 QC Sample: L2432686-03 Client ID: AA B-11 14													
Aroclor 1016	ND	364	282	77		265	70		40-140	6		50	A
Aroclor 1260	ND	364	251	69		235	62		40-140	7		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		66		30-150	A
Decachlorobiphenyl	84		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		69		30-150	B
Decachlorobiphenyl	89		77		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-01 Date Collected: 06/11/24 11:00

Client ID: AA B-8 9 Date Received: 06/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.41		mg/kg	0.899	0.187	2	06/12/24 08:30	06/12/24 22:08	EPA 3050B	1,6010D	JTS
Barium, Total	49.1		mg/kg	0.899	0.156	2	06/12/24 08:30	06/12/24 22:08	EPA 3050B	1,6010D	JTS
Cadmium, Total	0.204	J	mg/kg	0.899	0.088	2	06/12/24 08:30	06/12/24 22:08	EPA 3050B	1,6010D	JTS
Chromium, Total	6.25		mg/kg	0.899	0.086	2	06/12/24 08:30	06/12/24 22:08	EPA 3050B	1,6010D	JTS
Lead, Total	9.58		mg/kg	4.49	0.241	2	06/12/24 08:30	06/12/24 22:08	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.074	0.048	1	06/12/24 10:10	06/13/24 14:46	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.80	0.232	2	06/12/24 08:30	06/12/24 22:08	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.449	0.254	2	06/12/24 08:30	06/12/24 22:08	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-02
Client ID: AA B-10 9
Sample Location: BUFFALO, NY
Date Collected: 06/11/24 11:10
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.47		mg/kg	0.893	0.186	2	06/12/24 08:30	06/12/24 22:12	EPA 3050B	1,6010D	JTS
Barium, Total	33.7		mg/kg	0.893	0.155	2	06/12/24 08:30	06/12/24 22:12	EPA 3050B	1,6010D	JTS
Cadmium, Total	0.185	J	mg/kg	0.893	0.088	2	06/12/24 08:30	06/12/24 22:12	EPA 3050B	1,6010D	JTS
Chromium, Total	5.67		mg/kg	0.893	0.086	2	06/12/24 08:30	06/12/24 22:12	EPA 3050B	1,6010D	JTS
Lead, Total	12.6		mg/kg	4.46	0.239	2	06/12/24 08:30	06/12/24 22:12	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/12/24 10:10	06/13/24 14:50	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.79	0.230	2	06/12/24 08:30	06/12/24 22:12	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.446	0.253	2	06/12/24 08:30	06/12/24 22:12	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-03 Date Collected: 06/11/24 11:20

Client ID: AA B-11 14 Date Received: 06/11/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.22		mg/kg	0.950	0.198	2	06/12/24 08:30	06/12/24 10:55	EPA 3050B	1,6010D	JTS
Barium, Total	26.6		mg/kg	0.950	0.165	2	06/12/24 08:30	06/12/24 10:55	EPA 3050B	1,6010D	JTS
Cadmium, Total	0.129	J	mg/kg	0.950	0.093	2	06/12/24 08:30	06/12/24 10:55	EPA 3050B	1,6010D	JTS
Chromium, Total	4.53		mg/kg	0.950	0.091	2	06/12/24 08:30	06/12/24 10:55	EPA 3050B	1,6010D	JTS
Lead, Total	8.98		mg/kg	4.75	0.254	2	06/12/24 08:30	06/12/24 10:55	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.078	0.051	1	06/12/24 10:10	06/12/24 12:06	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.90	0.245	2	06/12/24 08:30	06/12/24 10:55	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.475	0.269	2	06/12/24 08:30	06/12/24 10:55	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Lab Number: L2432686
Project Number: 4461.0001B002
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-04
Client ID: AA NW-3 5-7
Sample Location: BUFFALO, NY
Date Collected: 06/11/24 11:30
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.46		mg/kg	0.875	0.182	2	06/12/24 08:30	06/12/24 22:15	EPA 3050B	1,6010D	JTS
Barium, Total	60.5		mg/kg	0.875	0.152	2	06/12/24 08:30	06/12/24 22:15	EPA 3050B	1,6010D	JTS
Cadmium, Total	0.144	J	mg/kg	0.875	0.086	2	06/12/24 08:30	06/12/24 22:15	EPA 3050B	1,6010D	JTS
Chromium, Total	11.6		mg/kg	0.875	0.084	2	06/12/24 08:30	06/12/24 22:15	EPA 3050B	1,6010D	JTS
Lead, Total	13.4		mg/kg	4.38	0.235	2	06/12/24 08:30	06/12/24 22:15	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/12/24 10:10	06/13/24 14:53	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.75	0.226	2	06/12/24 08:30	06/12/24 22:15	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.438	0.248	2	06/12/24 08:30	06/12/24 22:15	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Lab Number: L2432686
Project Number: 4461.0001B002
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-05
Client ID: AA NW-4 8-10
Sample Location: BUFFALO, NY
Date Collected: 06/11/24 11:40
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.39		mg/kg	0.902	0.188	2	06/12/24 08:30	06/12/24 22:19	EPA 3050B	1,6010D	JTS
Barium, Total	35.2		mg/kg	0.902	0.157	2	06/12/24 08:30	06/12/24 22:19	EPA 3050B	1,6010D	JTS
Cadmium, Total	0.205	J	mg/kg	0.902	0.088	2	06/12/24 08:30	06/12/24 22:19	EPA 3050B	1,6010D	JTS
Chromium, Total	5.25		mg/kg	0.902	0.087	2	06/12/24 08:30	06/12/24 22:19	EPA 3050B	1,6010D	JTS
Lead, Total	8.46		mg/kg	4.51	0.242	2	06/12/24 08:30	06/12/24 22:19	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.073	0.048	1	06/12/24 10:10	06/13/24 14:56	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.80	0.233	2	06/12/24 08:30	06/12/24 22:19	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.451	0.255	2	06/12/24 08:30	06/12/24 22:19	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2432686

Project Number: 4461.0001B002 **Report Date:** 06/13/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1933064-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/12/24 08:30	06/12/24 10:45	1,6010D	JTS
Barium, Total	ND		mg/kg	0.400	0.070	1	06/12/24 08:30	06/12/24 10:45	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/12/24 08:30	06/12/24 10:45	1,6010D	JTS
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/12/24 08:30	06/12/24 10:45	1,6010D	JTS
Lead, Total	ND		mg/kg	2.00	0.107	1	06/12/24 08:30	06/12/24 10:45	1,6010D	JTS
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/12/24 08:30	06/12/24 10:45	1,6010D	JTS
Silver, Total	ND		mg/kg	0.200	0.113	1	06/12/24 08:30	06/12/24 10:45	1,6010D	JTS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1933068-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/12/24 10:10	06/12/24 12:00	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2432686

Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1933064-2								
Arsenic, Total	92		-		80-120	-		
Barium, Total	94		-		80-120	-		
Cadmium, Total	94		-		80-120	-		
Chromium, Total	92		-		80-120	-		
Lead, Total	95		-		80-120	-		
Selenium, Total	95		-		80-120	-		
Silver, Total	92		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1933068-2								
Mercury, Total	102		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2432686
Report Date: 06/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1933064-3 WG1933064-4 QC Sample: L2432686-03 Client ID: AA B-11 14												
Arsenic, Total	1.22	11.2	12.3	99		12.2	96		75-125	1		20
Barium, Total	26.6	187	193	89		192	87		75-125	1		20
Cadmium, Total	0.129J	4.95	4.31	87		4.23	84		75-125	2		20
Chromium, Total	4.53	18.7	19.9	82		19.7	80		75-125	1		20
Lead, Total	8.98	49.5	54.7	92		53.3	88		75-125	3		20
Selenium, Total	ND	11.2	9.53	85		9.93	87		75-125	4		20
Silver, Total	ND	4.67	4.32	92		4.27	90		75-125	1		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1933068-3 WG1933068-4 QC Sample: L2432686-03 Client ID: AA B-11 14												
Mercury, Total	ND	1.58	1.62	102		1.62	103		80-120	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2432686
Report Date: 06/13/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1933064-6 QC Sample: L2432686-03 Client ID: AA B-11 14						
Barium, Total	26.6	26.5	mg/kg	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-01
Client ID: AA B-8 9
Sample Location: BUFFALO, NY

Date Collected: 06/11/24 11:00
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	06/12/24 07:41	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-02
Client ID: AA B-10 9
Sample Location: BUFFALO, NY

Date Collected: 06/11/24 11:10
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	06/12/24 07:41	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-03
Client ID: AA B-11 14
Sample Location: BUFFALO, NY

Date Collected: 06/11/24 11:20
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.6		%	0.100	NA	1	-	06/12/24 07:41	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-04
Client ID: AA NW-3 5-7
Sample Location: BUFFALO, NY

Date Collected: 06/11/24 11:30
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	06/12/24 07:41	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2432686
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2432686-05
Client ID: AA NW-4 8-10
Sample Location: BUFFALO, NY

Date Collected: 06/11/24 11:40
Date Received: 06/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	06/12/24 07:41	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2432686

Report Date: 06/13/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1933097-1 QC Sample: L2432744-12 Client ID: DUP Sample						
Solids, Total	75.9	74.6	%	2		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2432686
Report Date: 06/13/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432686-01A	Vial Large Septa unpreserved (4oz)	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L2432686-01B	Vial Large Septa unpreserved (4oz)	A	NA		2.2	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2432686-01C	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2432686-01X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L2432686-01Y	Vial Water preserved split	A	NA		2.2	Y	Absent	12-JUN-24 06:58	NYTCL-8260(14)
L2432686-01Z	Vial Water preserved split	A	NA		2.2	Y	Absent	12-JUN-24 06:58	NYTCL-8260(14)
L2432686-02A	Vial Large Septa unpreserved (4oz)	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L2432686-02B	Vial Large Septa unpreserved (4oz)	A	NA		2.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2432686-02C	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2432686-02X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L2432686-02Y	Vial Water preserved split	A	NA		2.2	Y	Absent	12-JUN-24 06:58	NYTCL-8260(14)
L2432686-02Z	Vial Water preserved split	A	NA		2.2	Y	Absent	12-JUN-24 06:58	NYTCL-8260(14)
L2432686-03A	Vial Large Septa unpreserved (4oz)	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L2432686-03A1	Vial Large Septa unpreserved (4oz)	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L2432686-03A2	Vial Large Septa unpreserved (4oz)	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L2432686-03B	Vial Large Septa unpreserved (4oz)	A	NA		2.2	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2432686-03B1	Vial Large Septa unpreserved (4oz)	A	NA		2.2	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2432686-03B2	Vial Large Septa unpreserved (4oz)	A	NA		2.2	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2432686-03C	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2432686
Report Date: 06/13/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2432686-03C1	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2432686-03C2	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2432686-03X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L2432686-03X1	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L2432686-03X2	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L2432686-03Y	Vial Water preserved split	A	NA		2.2	Y	Absent	12-JUN-24 06:58	NYTCL-8260(14)
L2432686-03Y1	Vial Water preserved split	A	NA		2.2	Y	Absent	12-JUN-24 06:58	NYTCL-8260(14)
L2432686-03Y2	Vial Water preserved split	A	NA		2.2	Y	Absent	12-JUN-24 06:58	NYTCL-8260(14)
L2432686-03Z	Vial Water preserved split	A	NA		2.2	Y	Absent	12-JUN-24 06:58	NYTCL-8260(14)
L2432686-03Z1	Vial Water preserved split	A	NA		2.2	Y	Absent	12-JUN-24 06:58	NYTCL-8260(14)
L2432686-03Z2	Vial Water preserved split	A	NA		2.2	Y	Absent	12-JUN-24 06:58	NYTCL-8260(14)
L2432686-04A	Vial Large Septa unpreserved (4oz)	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L2432686-04B	Vial Large Septa unpreserved (4oz)	A	NA		2.2	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2432686-04C	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2432686-04X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L2432686-04Y	Vial Water preserved split	A	NA		2.2	Y	Absent	12-JUN-24 06:58	NYTCL-8260(14)
L2432686-04Z	Vial Water preserved split	A	NA		2.2	Y	Absent	12-JUN-24 06:58	NYTCL-8260(14)
L2432686-05A	Vial Large Septa unpreserved (4oz)	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L2432686-05B	Vial Large Septa unpreserved (4oz)	A	NA		2.2	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2432686-05C	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2432686-05X	Vial MeOH preserved split	A	NA		2.2	Y	Absent		NYTCL-8260(14)
L2432686-05Y	Vial Water preserved split	A	NA		2.2	Y	Absent	12-JUN-24 06:58	NYTCL-8260(14)
L2432686-05Z	Vial Water preserved split	A	NA		2.2	Y	Absent	12-JUN-24 06:58	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2432686
Project Number:	4461.0001B002	**Report Date:**	06/13/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2432686
Project Number:	4461.0001B002	**Report Date:**	06/13/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2432686
Project Number:	4461.0001B002	**Report Date:**	06/13/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2432686
Project Number:	4461.0001B002	**Report Date:**	06/13/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 06/12/24

ALPHA Job #: L2432686

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: AMunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☒ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+CP-51 VOCs	TCL SVOCs	RCRA Metals	PCBs	Total Bottle	Sample Specific Comments
32686-01	AA B-8 9	6-11-24	1100	Soil	CEH	X	X	X	X		
-02	AA B-10 9		1110			X	X	X	X		
-03	AA B-11 14		1120			X	X	X	X		
-04	AA NW-3 5-7		1130			X	X	X	X		
-05	AA NW-4 8-10		1140			X	X	X	X		
-03	AA B-11 14 MS/MSD		1120			X	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Charles Horbrait	6-11-24/1515	MatthewPACE	6/11/24 1515
Matt DL PACE	6/11/24 1515		6/12/24 0110

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2433414
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	06/17/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433414
Report Date: 06/17/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2433414-01	AA B-12 9	SOIL	BUFFALO, NY	06/13/24 14:00	06/13/24
L2433414-02	AA B-13 9	SOIL	BUFFALO, NY	06/13/24 14:10	06/13/24
L2433414-03	AA B-14 15	SOIL	BUFFALO, NY	06/13/24 14:20	06/13/24
L2433414-04	AA B-15 15	SOIL	BUFFALO, NY	06/13/24 14:30	06/13/24
L2433414-05	AA MW-5 11-13	SOIL	BUFFALO, NY	06/13/24 14:40	06/13/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2433414
Project Number:	4461.0001B002	**Report Date:**	06/17/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2433414
Project Number:	4461.0001B002	**Report Date:**	06/17/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2433414-01, -02, -03, -04, and -05: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2433414-01 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 06/17/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-01
Client ID: AA B-12 9
Sample Location: BUFFALO, NY

Date Collected: 06/13/24 14:00
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/14/24 20:12
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.22	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	0.32	J	ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.62	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.2	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-01 Date Collected: 06/13/24 14:00

Client ID: AA B-12 9 Date Received: 06/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.2	0.33	1
cis-1,2-Dichloroethene	0.20	J	ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.22	1
Dichlorodifluoromethane	ND		ug/kg	12	1.0	1
Acetone	ND		ug/kg	12	5.5	1
Carbon disulfide	ND		ug/kg	12	5.2	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
n-Butylbenzene	ND		ug/kg	1.2	0.19	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.12	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	12	0.62	1
1,4-Dioxane	ND		ug/kg	92	40.	1
Freon-113	ND		ug/kg	4.6	0.80	1
Methyl cyclohexane	ND		ug/kg	4.6	0.69	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433414
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-02
Client ID: AA B-13 9
Sample Location: BUFFALO, NY

Date Collected: 06/13/24 14:10
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/14/24 20:38
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	7.1	3.3	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.21	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.33	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	0.69	J	ug/kg	0.71	0.28	1
Chlorobenzene	ND		ug/kg	0.71	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.99	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.37	1
1,1,1-Trichloroethane	ND		ug/kg	0.71	0.24	1
Bromodichloromethane	ND		ug/kg	0.71	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.39	1
cis-1,3-Dichloropropene	ND		ug/kg	0.71	0.22	1
Bromoform	ND		ug/kg	5.7	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.71	0.24	1
Benzene	0.30	J	ug/kg	0.71	0.24	1
Toluene	ND		ug/kg	1.4	0.77	1
Ethylbenzene	7.0		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.7	1.3	1
Bromomethane	ND		ug/kg	2.8	0.83	1
Vinyl chloride	ND		ug/kg	1.4	0.48	1
Chloroethane	ND		ug/kg	2.8	0.64	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	0.37	J	ug/kg	2.1	0.20	1
Trichloroethene	2.3		ug/kg	0.71	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-02 Date Collected: 06/13/24 14:10

Client ID: AA B-13 9 Date Received: 06/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.29	1
p/m-Xylene	3.0		ug/kg	2.8	0.80	1
o-Xylene	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	1.0	J	ug/kg	1.4	0.25	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.8	1
Carbon disulfide	ND		ug/kg	14	6.5	1
2-Butanone	ND		ug/kg	14	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	1
n-Butylbenzene	ND		ug/kg	1.4	0.24	1
sec-Butylbenzene	ND		ug/kg	1.4	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	1.4	1
Isopropylbenzene	0.16	J	ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
n-Propylbenzene	0.35	J	ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.46	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.39	1
1,3,5-Trimethylbenzene	0.51	J	ug/kg	2.8	0.28	1
1,2,4-Trimethylbenzene	2.4	J	ug/kg	2.8	0.48	1
Methyl Acetate	ND		ug/kg	5.7	1.4	1
Cyclohexane	ND		ug/kg	14	0.78	1
1,4-Dioxane	ND		ug/kg	110	50.	1
Freon-113	ND		ug/kg	5.7	0.99	1
Methyl cyclohexane	ND		ug/kg	5.7	0.86	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433414
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-03
Client ID: AA B-14 15
Sample Location: BUFFALO, NY

Date Collected: 06/13/24 14:20
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/14/24 21:04
Analyst: AJK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.97	0.53	1
Ethylbenzene	ND		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.97	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-03 Date Collected: 06/13/24 14:20

Client ID: AA B-14 15 Date Received: 06/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.89	1
Acetone	ND		ug/kg	9.7	4.7	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	ND		ug/kg	9.7	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
2-Hexanone	ND		ug/kg	9.7	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
n-Butylbenzene	ND		ug/kg	0.97	0.16	1
sec-Butylbenzene	ND		ug/kg	0.97	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.97	1
Isopropylbenzene	ND		ug/kg	0.97	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.10	1
n-Propylbenzene	ND		ug/kg	0.97	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
Methyl Acetate	ND		ug/kg	3.9	0.92	1
Cyclohexane	ND		ug/kg	9.7	0.53	1
1,4-Dioxane	ND		ug/kg	78	34.	1
Freon-113	ND		ug/kg	3.9	0.67	1
Methyl cyclohexane	ND		ug/kg	3.9	0.58	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-04
Client ID: AA B-15 15
Sample Location: BUFFALO, NY

Date Collected: 06/13/24 14:30
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/14/24 21:30
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	0.19	J	ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-04 Date Collected: 06/13/24 14:30

Client ID: AA B-15 15 Date Received: 06/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	0.14	J	ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	0.42	J	ug/kg	2.3	0.38	1
Methyl Acetate	ND		ug/kg	4.5	1.1	1
Cyclohexane	ND		ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	91	40.	1
Freon-113	ND		ug/kg	4.5	0.79	1
Methyl cyclohexane	ND		ug/kg	4.5	0.68	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433414
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-05
Client ID: AA MW-5 11-13
Sample Location: BUFFALO, NY

Should be NW-5 11-13 per chain

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/16/24 21:22
Analyst: AJK
Percent Solids: 86%

Date Collected: 06/13/24 14:40
Date Received: 06/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	0.32	J	ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.21	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-05 Date Collected: 06/13/24 14:40

Client ID: AA MW-5 11-13 Date Received: 06/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.59	1
1,4-Dioxane	ND		ug/kg	87	38.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/16/24 17:54
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1935206-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/16/24 17:54
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1935206-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	0.36	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/16/24 17:54
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1935206-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	99		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/14/24 18:39
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1935274-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/14/24 18:39
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1935274-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	0.32	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/14/24 18:39
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1935274-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433414

Report Date: 06/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1935206-3 WG1935206-4								
Methylene chloride	104		100		70-130	4		30
1,1-Dichloroethane	99		94		70-130	5		30
Chloroform	97		94		70-130	3		30
Carbon tetrachloride	98		93		70-130	5		30
1,2-Dichloropropane	98		95		70-130	3		30
Dibromochloromethane	98		96		70-130	2		30
1,1,2-Trichloroethane	97		95		70-130	2		30
Tetrachloroethene	100		100		70-130	0		30
Chlorobenzene	100		97		70-130	3		30
Trichlorofluoromethane	99		97		70-139	2		30
1,2-Dichloroethane	96		92		70-130	4		30
1,1,1-Trichloroethane	100		96		70-130	4		30
Bromodichloromethane	97		95		70-130	2		30
trans-1,3-Dichloropropene	99		97		70-130	2		30
cis-1,3-Dichloropropene	102		99		70-130	3		30
Bromoform	96		95		70-130	1		30
1,1,2,2-Tetrachloroethane	97		96		70-130	1		30
Benzene	99		96		70-130	3		30
Toluene	106		99		70-130	7		30
Ethylbenzene	98		93		70-130	5		30
Chloromethane	96		90		52-130	6		30
Bromomethane	123		114		57-147	8		30
Vinyl chloride	98		93		67-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433414

Report Date: 06/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1935206-3 WG1935206-4								
Chloroethane	99		93		50-151	6		30
1,1-Dichloroethene	100		95		65-135	5		30
trans-1,2-Dichloroethene	100		95		70-130	5		30
Trichloroethene	97		94		70-130	3		30
1,2-Dichlorobenzene	101		97		70-130	4		30
1,3-Dichlorobenzene	102		98		70-130	4		30
1,4-Dichlorobenzene	100		97		70-130	3		30
Methyl tert butyl ether	98		94		66-130	4		30
p/m-Xylene	99		96		70-130	3		30
o-Xylene	99		96		70-130	3		30
cis-1,2-Dichloroethene	99		96		70-130	3		30
Styrene	105		101		70-130	4		30
Dichlorodifluoromethane	92		88		30-146	4		30
Acetone	101		75		54-140	30		30
Carbon disulfide	96		92		59-130	4		30
2-Butanone	94		86		70-130	9		30
4-Methyl-2-pentanone	98		92		70-130	6		30
2-Hexanone	102		96		70-130	6		30
Bromochloromethane	98		96		70-130	2		30
1,2-Dibromoethane	101		98		70-130	3		30
n-Butylbenzene	106		100		70-130	6		30
sec-Butylbenzene	100		95		70-130	5		30
1,2-Dibromo-3-chloropropane	99		97		68-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433414

Report Date: 06/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1935206-3 WG1935206-4								
Isopropylbenzene	98		95		70-130	3		30
p-Isopropyltoluene	101		96		70-130	5		30
n-Propylbenzene	93		95		70-130	2		30
1,2,3-Trichlorobenzene	105		103		70-130	2		30
1,2,4-Trichlorobenzene	109		106		70-130	3		30
1,3,5-Trimethylbenzene	96		95		70-130	1		30
1,2,4-Trimethylbenzene	98		94		70-130	4		30
Methyl Acetate	95		89		51-146	7		30
Cyclohexane	98		93		59-142	5		30
1,4-Dioxane	102		89		65-136	14		30
Freon-113	101		97		50-139	4		30
Methyl cyclohexane	99		95		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		95		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	93		96		70-130
Dibromofluoromethane	99		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433414

Report Date: 06/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1935274-3 WG1935274-4								
Methylene chloride	90		86		70-130	5		30
1,1-Dichloroethane	88		85		70-130	3		30
Chloroform	87		85		70-130	2		30
Carbon tetrachloride	91		88		70-130	3		30
1,2-Dichloropropane	88		86		70-130	2		30
Dibromochloromethane	87		88		70-130	1		30
1,1,2-Trichloroethane	85		86		70-130	1		30
Tetrachloroethene	93		93		70-130	0		30
Chlorobenzene	89		87		70-130	2		30
Trichlorofluoromethane	90		86		70-139	5		30
1,2-Dichloroethane	85		84		70-130	1		30
1,1,1-Trichloroethane	93		90		70-130	3		30
Bromodichloromethane	87		85		70-130	2		30
trans-1,3-Dichloropropene	89		89		70-130	0		30
cis-1,3-Dichloropropene	91		88		70-130	3		30
Bromoform	89		87		70-130	2		30
1,1,2,2-Tetrachloroethane	88		85		70-130	3		30
Benzene	90		86		70-130	5		30
Toluene	95		91		70-130	4		30
Ethylbenzene	89		87		70-130	2		30
Chloromethane	81		76		52-130	6		30
Bromomethane	94		91		57-147	3		30
Vinyl chloride	84		80		67-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433414

Report Date: 06/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1935274-3 WG1935274-4								
Chloroethane	86		82		50-151	5		30
1,1-Dichloroethene	89		85		65-135	5		30
trans-1,2-Dichloroethene	89		86		70-130	3		30
Trichloroethene	90		88		70-130	2		30
1,2-Dichlorobenzene	91		88		70-130	3		30
1,3-Dichlorobenzene	93		89		70-130	4		30
1,4-Dichlorobenzene	90		87		70-130	3		30
Methyl tert butyl ether	87		85		66-130	2		30
p/m-Xylene	90		89		70-130	1		30
o-Xylene	90		88		70-130	2		30
cis-1,2-Dichloroethene	87		84		70-130	4		30
Styrene	94		92		70-130	2		30
Dichlorodifluoromethane	70		67		30-146	4		30
Acetone	97		76		54-140	24		30
Carbon disulfide	85		81		59-130	5		30
2-Butanone	86		85		70-130	1		30
4-Methyl-2-pentanone	91		90		70-130	1		30
2-Hexanone	93		93		70-130	0		30
Bromochloromethane	86		83		70-130	4		30
1,2-Dibromoethane	89		88		70-130	1		30
n-Butylbenzene	100		93		70-130	7		30
sec-Butylbenzene	95		90		70-130	5		30
1,2-Dibromo-3-chloropropane	90		90		68-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433414

Report Date: 06/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1935274-3 WG1935274-4								
Isopropylbenzene	93		88		70-130	6		30
p-Isopropyltoluene	96		91		70-130	5		30
n-Propylbenzene	90		90		70-130	0		30
1,2,3-Trichlorobenzene	94		92		70-130	2		30
1,2,4-Trichlorobenzene	96		93		70-130	3		30
1,3,5-Trimethylbenzene	91		88		70-130	3		30
1,2,4-Trimethylbenzene	92		87		70-130	6		30
Methyl Acetate	87		84		51-146	4		30
Cyclohexane	91		87		59-142	4		30
1,4-Dioxane	84		86		65-136	2		30
Freon-113	93		88		50-139	6		30
Methyl cyclohexane	91		87		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		99		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	97		98		70-130
Dibromofluoromethane	101		101		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433414
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-01
Client ID: AA B-12 9
Sample Location: BUFFALO, NY

Date Collected: 06/13/24 14:00
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/15/24 02:36
Analyst: EK
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 07:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-01 Date Collected: 06/13/24 14:00
Client ID: AA B-12 9 Date Received: 06/13/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-01 Date Collected: 06/13/24 14:00

Client ID: AA B-12 9 Date Received: 06/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	78		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433414
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-02
Client ID: AA B-13 9
Sample Location: BUFFALO, NY

Date Collected: 06/13/24 14:10
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/15/24 01:04
Analyst: EK
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 07:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-02 Date Collected: 06/13/24 14:10
Client ID: AA B-13 9 Date Received: 06/13/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	31.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-02 Date Collected: 06/13/24 14:10

Client ID: AA B-13 9 Date Received: 06/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	81		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433414
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-03
Client ID: AA B-14 15
Sample Location: BUFFALO, NY

Date Collected: 06/13/24 14:20
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/15/24 01:27
Analyst: EK
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 07:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-03 Date Collected: 06/13/24 14:20

Client ID: AA B-14 15 Date Received: 06/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-03 Date Collected: 06/13/24 14:20

Client ID: AA B-14 15 Date Received: 06/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	67		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433414
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-04
Client ID: AA B-15 15
Sample Location: BUFFALO, NY

Date Collected: 06/13/24 14:30
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/15/24 01:50
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 07:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-04 Date Collected: 06/13/24 14:30

Client ID: AA B-15 15 Date Received: 06/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-04 Date Collected: 06/13/24 14:30

Client ID: AA B-15 15 Date Received: 06/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	97		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433414
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-05
Client ID: AA MW-5 11-13
Sample Location: BUFFALO, NY

Date Collected: 06/13/24 14:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/15/24 02:13
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 07:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-05 Date Collected: 06/13/24 14:40

Client ID: AA MW-5 11-13 Date Received: 06/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-05 Date Collected: 06/13/24 14:40

Client ID: AA MW-5 11-13 Date Received: 06/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	64		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433414
Report Date: 06/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/14/24 14:05
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/14/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1934274-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433414
Report Date: 06/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/14/24 14:05
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/14/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1934274-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433414
Report Date: 06/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/14/24 14:05
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/14/24 07:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1934274-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	92		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433414

Report Date: 06/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1934274-2 WG1934274-3								
Acenaphthene	87		84		31-137	4		50
Hexachlorobenzene	98		96		40-140	2		50
Bis(2-chloroethyl)ether	76		76		40-140	0		50
2-Chloronaphthalene	87		86		40-140	1		50
3,3'-Dichlorobenzidine	93		90		40-140	3		50
2,4-Dinitrotoluene	93		95		40-132	2		50
2,6-Dinitrotoluene	93		95		40-140	2		50
Fluoranthene	97		97		40-140	0		50
4-Chlorophenyl phenyl ether	101		99		40-140	2		50
4-Bromophenyl phenyl ether	102		102		40-140	0		50
Bis(2-chloroisopropyl)ether	84		84		40-140	0		50
Bis(2-chloroethoxy)methane	82		82		40-117	0		50
Hexachlorobutadiene	106		102		40-140	4		50
Hexachlorocyclopentadiene	124		118		40-140	5		50
Hexachloroethane	84		80		40-140	5		50
Isophorone	77		76		40-140	1		50
Naphthalene	82		79		40-140	4		50
Nitrobenzene	77		78		40-140	1		50
NDPA/DPA	90		89		36-157	1		50
n-Nitrosodi-n-propylamine	82		82		32-121	0		50
Bis(2-ethylhexyl)phthalate	95		93		40-140	2		50
Butyl benzyl phthalate	99		106		40-140	7		50
Di-n-butylphthalate	97		95		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433414

Report Date: 06/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1934274-2 WG1934274-3								
Di-n-octylphthalate	100		97		40-140	3		50
Diethyl phthalate	92		90		40-140	2		50
Dimethyl phthalate	88		90		40-140	2		50
Benzo(a)anthracene	94		92		40-140	2		50
Benzo(a)pyrene	102		94		40-140	8		50
Benzo(b)fluoranthene	98		93		40-140	5		50
Benzo(k)fluoranthene	97		89		40-140	9		50
Chrysene	92		90		40-140	2		50
Acenaphthylene	86		87		40-140	1		50
Anthracene	96		90		40-140	6		50
Benzo(ghi)perylene	100		98		40-140	2		50
Fluorene	88		86		40-140	2		50
Phenanthrene	91		86		40-140	6		50
Dibenzo(a,h)anthracene	100		96		40-140	4		50
Indeno(1,2,3-cd)pyrene	100		97		40-140	3		50
Pyrene	96		97		35-142	1		50
Biphenyl	80		79		37-127	1		50
4-Chloroaniline	74		76		40-140	3		50
2-Nitroaniline	88		91		47-134	3		50
3-Nitroaniline	69		70		26-129	1		50
4-Nitroaniline	83		82		41-125	1		50
Dibenzofuran	90		86		40-140	5		50
2-Methylnaphthalene	86		86		40-140	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433414

Report Date: 06/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1934274-2 WG1934274-3								
1,2,4,5-Tetrachlorobenzene	93		93		40-117	0		50
Acetophenone	77		76		14-144	1		50
2,4,6-Trichlorophenol	99		101		30-130	2		50
p-Chloro-m-cresol	89		90		26-103	1		50
2-Chlorophenol	82		81		25-102	1		50
2,4-Dichlorophenol	81		83		30-130	2		50
2,4-Dimethylphenol	79		79		30-130	0		50
2-Nitrophenol	84		85		30-130	1		50
4-Nitrophenol	93		98		11-114	5		50
2,4-Dinitrophenol	92		96		4-130	4		50
4,6-Dinitro-o-cresol	104		108		10-130	4		50
Pentachlorophenol	97		101		17-109	4		50
Phenol	82		81		26-90	1		50
2-Methylphenol	80		79		30-130.	1		50
3-Methylphenol/4-Methylphenol	79		81		30-130	3		50
2,4,5-Trichlorophenol	100		101		30-130	1		50
Carbazole	91		88		54-128	3		50
Atrazine	87		90		40-140	3		50
Benzaldehyde	69		68		40-140	1		50
Caprolactam	92		95		15-130	3		50
2,3,4,6-Tetrachlorophenol	106		107		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433414

Report Date: 06/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1934274-2 WG1934274-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	87		84		25-120
Phenol-d6	81		79		10-120
Nitrobenzene-d5	75		74		23-120
2-Fluorobiphenyl	89		86		30-120
2,4,6-Tribromophenol	98		99		10-136
4-Terphenyl-d14	98		98		18-120

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433414
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-01
Client ID: AA B-12 9
Sample Location: BUFFALO, NY

Date Collected: 06/13/24 14:00
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/15/24 10:07
Analyst: MEO
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 09:48
Cleanup Method: EPA 3665A
Cleanup Date: 06/14/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.8	4.69	1	A
Aroclor 1221	ND		ug/kg	52.8	5.29	1	A
Aroclor 1232	ND		ug/kg	52.8	11.2	1	A
Aroclor 1242	ND		ug/kg	52.8	7.11	1	A
Aroclor 1248	ND		ug/kg	52.8	7.92	1	A
Aroclor 1254	ND		ug/kg	52.8	5.77	1	A
Aroclor 1260	ND		ug/kg	52.8	9.75	1	A
Aroclor 1262	ND		ug/kg	52.8	6.70	1	A
Aroclor 1268	ND		ug/kg	52.8	5.47	1	A
PCBs, Total	ND		ug/kg	52.8	4.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433414
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-02
Client ID: AA B-13 9
Sample Location: BUFFALO, NY

Date Collected: 06/13/24 14:10
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/15/24 10:15
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 09:48
Cleanup Method: EPA 3665A
Cleanup Date: 06/14/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.8	4.69	1	A
Aroclor 1221	ND		ug/kg	52.8	5.29	1	A
Aroclor 1232	ND		ug/kg	52.8	11.2	1	A
Aroclor 1242	ND		ug/kg	52.8	7.11	1	A
Aroclor 1248	ND		ug/kg	52.8	7.92	1	A
Aroclor 1254	ND		ug/kg	52.8	5.77	1	A
Aroclor 1260	ND		ug/kg	52.8	9.75	1	A
Aroclor 1262	ND		ug/kg	52.8	6.70	1	A
Aroclor 1268	ND		ug/kg	52.8	5.47	1	A
PCBs, Total	ND		ug/kg	52.8	4.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433414
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-03
Client ID: AA B-14 15
Sample Location: BUFFALO, NY

Date Collected: 06/13/24 14:20
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/15/24 10:23
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 09:48
Cleanup Method: EPA 3665A
Cleanup Date: 06/14/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.5	5.11	1	A
Aroclor 1221	ND		ug/kg	57.5	5.76	1	A
Aroclor 1232	ND		ug/kg	57.5	12.2	1	A
Aroclor 1242	ND		ug/kg	57.5	7.75	1	A
Aroclor 1248	ND		ug/kg	57.5	8.63	1	A
Aroclor 1254	ND		ug/kg	57.5	6.29	1	A
Aroclor 1260	ND		ug/kg	57.5	10.6	1	A
Aroclor 1262	ND		ug/kg	57.5	7.30	1	A
Aroclor 1268	ND		ug/kg	57.5	5.96	1	A
PCBs, Total	ND		ug/kg	57.5	5.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433414
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-04
Client ID: AA B-15 15
Sample Location: BUFFALO, NY

Date Collected: 06/13/24 14:30
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/15/24 10:31
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 09:48
Cleanup Method: EPA 3665A
Cleanup Date: 06/14/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.0	4.88	1	A
Aroclor 1221	ND		ug/kg	55.0	5.51	1	A
Aroclor 1232	ND		ug/kg	55.0	11.7	1	A
Aroclor 1242	ND		ug/kg	55.0	7.42	1	A
Aroclor 1248	ND		ug/kg	55.0	8.25	1	A
Aroclor 1254	ND		ug/kg	55.0	6.02	1	A
Aroclor 1260	ND		ug/kg	55.0	10.2	1	A
Aroclor 1262	ND		ug/kg	55.0	6.99	1	A
Aroclor 1268	ND		ug/kg	55.0	5.70	1	A
PCBs, Total	ND		ug/kg	55.0	4.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433414
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-05
Client ID: AA MW-5 11-13
Sample Location: BUFFALO, NY

Date Collected: 06/13/24 14:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/15/24 10:39
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/14/24 09:48
Cleanup Method: EPA 3665A
Cleanup Date: 06/14/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.2	4.99	1	A
Aroclor 1221	ND		ug/kg	56.2	5.63	1	A
Aroclor 1232	ND		ug/kg	56.2	11.9	1	A
Aroclor 1242	ND		ug/kg	56.2	7.58	1	A
Aroclor 1248	ND		ug/kg	56.2	8.43	1	A
Aroclor 1254	ND		ug/kg	56.2	6.15	1	A
Aroclor 1260	ND		ug/kg	56.2	10.4	1	A
Aroclor 1262	ND		ug/kg	56.2	7.14	1	A
Aroclor 1268	ND		ug/kg	56.2	5.82	1	A
PCBs, Total	ND		ug/kg	56.2	4.99	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433414
Report Date: 06/17/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/15/24 10:47
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/14/24 09:38
Cleanup Method: EPA 3665A
Cleanup Date: 06/14/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-05 Batch: WG1934383-1						
Aroclor 1016	ND		ug/kg	46.5	4.13	A
Aroclor 1221	ND		ug/kg	46.5	4.66	A
Aroclor 1232	ND		ug/kg	46.5	9.86	A
Aroclor 1242	ND		ug/kg	46.5	6.27	A
Aroclor 1248	ND		ug/kg	46.5	6.98	A
Aroclor 1254	ND		ug/kg	46.5	5.09	A
Aroclor 1260	ND		ug/kg	46.5	8.60	A
Aroclor 1262	ND		ug/kg	46.5	5.91	A
Aroclor 1268	ND		ug/kg	46.5	4.82	A
PCBs, Total	ND		ug/kg	46.5	4.13	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	78		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433414

Report Date: 06/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1934383-2 WG1934383-3									
Aroclor 1016	82		78		40-140	5		50	A
Aroclor 1260	89		85		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		66		30-150	A
Decachlorobiphenyl	73		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		69		30-150	B
Decachlorobiphenyl	80		76		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET
Lab Number: L2433414
Project Number: 4461.0001B002
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-01
Client ID: AA B-12 9
Sample Location: BUFFALO, NY
Date Collected: 06/13/24 14:00
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.69		mg/kg	0.870	0.181	2	06/14/24 11:00	06/14/24 23:23	EPA 3050B	1,6010D	MAM
Barium, Total	39.8		mg/kg	0.870	0.151	2	06/14/24 11:00	06/14/24 23:23	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.870	0.085	2	06/14/24 11:00	06/14/24 23:23	EPA 3050B	1,6010D	MAM
Chromium, Total	6.03		mg/kg	0.870	0.084	2	06/14/24 11:00	06/14/24 23:23	EPA 3050B	1,6010D	MAM
Lead, Total	10.2		mg/kg	4.35	0.233	2	06/14/24 11:00	06/14/24 23:23	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.070	0.046	1	06/14/24 12:25	06/15/24 13:21	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.74	0.224	2	06/14/24 11:00	06/14/24 23:23	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.435	0.246	2	06/14/24 11:00	06/14/24 23:23	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Lab Number: L2433414
Project Number: 4461.0001B002
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-02
Client ID: AA B-13 9
Sample Location: BUFFALO, NY
Date Collected: 06/13/24 14:10
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.88		mg/kg	0.888	0.185	2	06/14/24 11:00	06/14/24 19:04	EPA 3050B	1,6010D	MAM
Barium, Total	43.3		mg/kg	0.888	0.154	2	06/14/24 11:00	06/14/24 19:04	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.888	0.087	2	06/14/24 11:00	06/14/24 19:04	EPA 3050B	1,6010D	MAM
Chromium, Total	7.70		mg/kg	0.888	0.085	2	06/14/24 11:00	06/14/24 19:04	EPA 3050B	1,6010D	MAM
Lead, Total	12.0		mg/kg	4.44	0.238	2	06/14/24 11:00	06/14/24 19:04	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.073	0.048	1	06/14/24 12:25	06/15/24 13:24	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.78	0.229	2	06/14/24 11:00	06/14/24 19:04	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.444	0.251	2	06/14/24 11:00	06/14/24 19:04	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433414
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-03
Client ID: AA B-14 15
Sample Location: BUFFALO, NY
Date Collected: 06/13/24 14:20
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.12		mg/kg	0.902	0.188	2	06/14/24 11:00	06/14/24 23:29	EPA 3050B	1,6010D	MAM
Barium, Total	19.5		mg/kg	0.902	0.157	2	06/14/24 11:00	06/14/24 23:29	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.902	0.088	2	06/14/24 11:00	06/14/24 23:29	EPA 3050B	1,6010D	MAM
Chromium, Total	2.94		mg/kg	0.902	0.087	2	06/14/24 11:00	06/14/24 23:29	EPA 3050B	1,6010D	MAM
Lead, Total	7.07		mg/kg	4.51	0.242	2	06/14/24 11:00	06/14/24 23:29	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.075	0.049	1	06/14/24 12:25	06/15/24 13:28	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.80	0.233	2	06/14/24 11:00	06/14/24 23:29	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.451	0.255	2	06/14/24 11:00	06/14/24 23:29	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Lab Number: L2433414
Project Number: 4461.0001B002
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-04
Client ID: AA B-15 15
Sample Location: BUFFALO, NY
Date Collected: 06/13/24 14:30
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.31		mg/kg	0.886	0.184	2	06/14/24 11:00	06/14/24 19:15	EPA 3050B	1,6010D	MAM
Barium, Total	14.3		mg/kg	0.886	0.154	2	06/14/24 11:00	06/14/24 19:15	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.089	J	mg/kg	0.886	0.087	2	06/14/24 11:00	06/14/24 19:15	EPA 3050B	1,6010D	MAM
Chromium, Total	3.31		mg/kg	0.886	0.085	2	06/14/24 11:00	06/14/24 19:15	EPA 3050B	1,6010D	MAM
Lead, Total	7.16		mg/kg	4.43	0.237	2	06/14/24 11:00	06/14/24 19:15	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.074	0.049	1	06/14/24 12:25	06/15/24 13:38	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.77	0.228	2	06/14/24 11:00	06/14/24 19:15	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.443	0.251	2	06/14/24 11:00	06/14/24 19:15	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET
Lab Number: L2433414
Project Number: 4461.0001B002
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-05
Client ID: AA MW-5 11-13
Sample Location: BUFFALO, NY
Date Collected: 06/13/24 14:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.13		mg/kg	0.891	0.185	2	06/14/24 11:00	06/14/24 19:21	EPA 3050B	1,6010D	MAM
Barium, Total	28.9		mg/kg	0.891	0.155	2	06/14/24 11:00	06/14/24 19:21	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.891	0.087	2	06/14/24 11:00	06/14/24 19:21	EPA 3050B	1,6010D	MAM
Chromium, Total	5.29		mg/kg	0.891	0.086	2	06/14/24 11:00	06/14/24 19:21	EPA 3050B	1,6010D	MAM
Lead, Total	10.2		mg/kg	4.45	0.239	2	06/14/24 11:00	06/14/24 19:21	EPA 3050B	1,6010D	MAM
Mercury, Total	ND		mg/kg	0.073	0.047	1	06/14/24 12:25	06/15/24 13:41	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.78	0.230	2	06/14/24 11:00	06/14/24 19:21	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	0.445	0.252	2	06/14/24 11:00	06/14/24 19:21	EPA 3050B	1,6010D	MAM

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433414

Project Number: 4461.0001B002 **Report Date:** 06/17/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1934010-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/14/24 11:00	06/14/24 16:35	1,6010D	MAM
Barium, Total	ND		mg/kg	0.400	0.070	1	06/14/24 11:00	06/14/24 16:35	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/14/24 11:00	06/14/24 16:35	1,6010D	MAM
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/14/24 11:00	06/14/24 16:35	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	06/14/24 11:00	06/14/24 16:35	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/14/24 11:00	06/14/24 16:35	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	06/14/24 11:00	06/14/24 16:35	1,6010D	MAM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1934015-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/14/24 12:25	06/15/24 12:08	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433414

Report Date: 06/17/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1934010-2								
Arsenic, Total	95		-		80-120	-		
Barium, Total	99		-		80-120	-		
Cadmium, Total	95		-		80-120	-		
Chromium, Total	90		-		80-120	-		
Lead, Total	96		-		80-120	-		
Selenium, Total	90		-		80-120	-		
Silver, Total	95		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1934015-2								
Mercury, Total	100		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433414
Report Date: 06/17/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1934010-3 QC Sample: L2432649-01 Client ID: MS Sample												
Arsenic, Total	4.39	11.8	16.1	99		-	-		75-125	-		20
Barium, Total	23.4	197	222	101		-	-		75-125	-		20
Cadmium, Total	ND	5.21	4.96	95		-	-		75-125	-		20
Chromium, Total	7.01	19.7	25.5	94		-	-		75-125	-		20
Lead, Total	16.5	52.1	69.0	101		-	-		75-125	-		20
Selenium, Total	ND	11.8	11.3	96		-	-		75-125	-		20
Silver, Total	ND	4.92	4.74	96		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1934015-3 QC Sample: L2432649-01 Client ID: MS Sample												
Mercury, Total	ND	1.59	1.57	99		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433414

Report Date: 06/17/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1934010-4 QC Sample: L2432649-01 Client ID: DUP Sample						
Arsenic, Total	4.39	5.16	mg/kg	16		20
Barium, Total	23.4	25.4	mg/kg	8		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	7.01	7.26	mg/kg	4		20
Lead, Total	16.5	17.9	mg/kg	8		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1934015-4 QC Sample: L2432649-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433414
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-01
Client ID: AA B-12 9
Sample Location: BUFFALO, NY

Date Collected: 06/13/24 14:00
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	06/14/24 06:49	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433414
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-02
Client ID: AA B-13 9
Sample Location: BUFFALO, NY

Date Collected: 06/13/24 14:10
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.6		%	0.100	NA	1	-	06/14/24 06:49	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433414
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-03
Client ID: AA B-14 15
Sample Location: BUFFALO, NY

Date Collected: 06/13/24 14:20
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	06/14/24 06:49	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433414
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-04
Client ID: AA B-15 15
Sample Location: BUFFALO, NY

Date Collected: 06/13/24 14:30
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	06/14/24 06:49	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433414
Report Date: 06/17/24

SAMPLE RESULTS

Lab ID: L2433414-05
Client ID: AA MW-5 11-13
Sample Location: BUFFALO, NY

Date Collected: 06/13/24 14:40
Date Received: 06/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	06/14/24 06:49	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433414

Report Date: 06/17/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1934268-1 QC Sample: L2433113-01 Client ID: DUP Sample						
Solids, Total	87.6	88.2	%	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433414
Report Date: 06/17/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433414-01A	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2433414-01B	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2433414-01C	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2433414-01X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2433414-01Y	Vial Water preserved split	A	NA		2.6	Y	Absent	14-JUN-24 07:09	NYTCL-8260-R2(14)
L2433414-01Z	Vial Water preserved split	A	NA		2.6	Y	Absent	14-JUN-24 07:09	NYTCL-8260-R2(14)
L2433414-02A	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2433414-02B	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2433414-02C	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2433414-02X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2433414-02Y	Vial Water preserved split	A	NA		2.6	Y	Absent	14-JUN-24 07:09	NYTCL-8260-R2(14)
L2433414-02Z	Vial Water preserved split	A	NA		2.6	Y	Absent	14-JUN-24 07:09	NYTCL-8260-R2(14)
L2433414-03A	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2433414-03B	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2433414-03C	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2433414-03X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2433414-03Y	Vial Water preserved split	A	NA		2.6	Y	Absent	14-JUN-24 07:09	NYTCL-8260-R2(14)
L2433414-03Z	Vial Water preserved split	A	NA		2.6	Y	Absent	14-JUN-24 07:09	NYTCL-8260-R2(14)
L2433414-04A	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2433414-04B	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433414
Report Date: 06/17/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433414-04C	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2433414-04X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2433414-04Y	Vial Water preserved split	A	NA		2.6	Y	Absent	14-JUN-24 07:09	NYTCL-8260-R2(14)
L2433414-04Z	Vial Water preserved split	A	NA		2.6	Y	Absent	14-JUN-24 07:09	NYTCL-8260-R2(14)
L2433414-05A	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2433414-05B	Vial Large Septa unpreserved (4oz)	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2433414-05C	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2433414-05X	Vial MeOH preserved split	A	NA		2.6	Y	Absent		NYTCL-8260-R2(14)
L2433414-05Y	Vial Water preserved split	A	NA		2.6	Y	Absent	14-JUN-24 07:09	NYTCL-8260-R2(14)
L2433414-05Z	Vial Water preserved split	A	NA		2.6	Y	Absent	14-JUN-24 07:09	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2433414
Project Number:	4461.0001B002	**Report Date:**	06/17/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2433414
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2433414
Project Number:	4461.0001B002	**Report Date:**	06/17/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2433414
Project Number:	4461.0001B002	**Report Date:**	06/17/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 6/14/24

ALPHA Job #: L24 33414

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: mmunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☒ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL +CP-51 VOCs	TCL SVOCs	RCRA Metals	PCBs	Sample Specific Comments	Total Bottle
33414-01	AA B-12 9	6-13-24	1400	Soil	CEH	X	X	X	X		
02	AA B-13 9		1410			X	X	X	X		
03	AA B-14 15		1420			X	X	X	X		
04	AA B-15 15		1430			X	X	X	X		
05	AA NW-5 11-13		1440			X	X	X	X		

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	6-13-24/1525	[signature]	6-13-24 1525
[signature]	6-13-24 15:27	[signature]	6/14/24 0240

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2433787
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	06/21/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433787
Report Date: 06/21/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2433787-01	B-1 10	SOIL	BUFFALO, NY	06/14/24 14:00	06/14/24
L2433787-02	B-2 10	SOIL	BUFFALO, NY	06/14/24 14:10	06/14/24
L2433787-03	WW-1 6-8	SOIL	BUFFALO, NY	06/14/24 14:20	06/14/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2433787
Project Number:	4461.0001B002	**Report Date:**	06/21/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2433787
Project Number:	4461.0001B002	**Report Date:**	06/21/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by 1633

The WG1936689-3 LCS recovery, associated with L2433787-01, -02, and -03, is above the acceptance criteria for 3-perfluoroheptyl propanoic acid (7:3ftca) (152%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

Total Metals

L2433787-03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 06/21/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433787
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433787-01
Client ID: B-1 10
Sample Location: BUFFALO, NY

Date Collected: 06/14/24 14:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/20/24 13:17
Analyst: JW
Percent Solids: 83%

Extraction Method: EPA 1633
Extraction Date: 06/19/24 19:20
Cleanup Method: EPA 1633
Cleanup Date: 06/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.718	0.045	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.359	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.179	0.039	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.718	0.073	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.179	0.042	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.179	0.021	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.179	0.021	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.179	0.053	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.179	0.047	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.566	J	ng/g	0.718	0.251	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.179	0.033	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.179	0.070	1
Perfluorooctanesulfonic Acid (PFOS)	0.395		ng/g	0.179	0.071	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.179	0.067	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.718	0.347	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.179	0.038	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.179	0.090	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.179	0.046	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.179	0.029	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.179	0.039	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.179	0.074	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.179	0.037	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.179	0.047	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.179	0.095	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.718	0.088	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.718	0.131	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.179	0.034	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433787

Project Number: 4461.0001B002 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433787-01 Date Collected: 06/14/24 14:00

Client ID: B-1 10 Date Received: 06/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.718	0.176	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.718	0.150	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.179	0.090	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.179	0.100	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.79	0.224	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.79	0.458	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.359	0.037	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.359	0.028	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.359	0.075	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.359	0.085	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.897	0.129	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.48	0.453	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.48	1.58	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433787

Project Number: 4461.0001B002 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433787-01 Date Collected: 06/14/24 14:00

Client ID: B-1 10 Date Received: 06/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	65		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	79		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	72		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	78		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	74		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	77		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	73		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	73		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	64		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	97		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	64		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	80		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	63		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	44		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	75		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	54		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	57		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	67		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	68		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433787
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433787-02
Client ID: B-2 10
Sample Location: BUFFALO, NY

Date Collected: 06/14/24 14:10
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/20/24 13:30
Analyst: JW
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 06/19/24 19:20
Cleanup Method: EPA 1633
Cleanup Date: 06/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.757	0.048	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.378	0.053	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.189	0.041	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.757	0.076	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.189	0.044	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.189	0.022	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.189	0.022	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.189	0.056	1
Perfluorooctanoic Acid (PFOA)	0.079	J	ng/g	0.189	0.049	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.489	J	ng/g	0.757	0.265	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.189	0.035	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.189	0.074	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.189	0.075	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.189	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.757	0.366	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.189	0.040	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.189	0.095	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.189	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.189	0.030	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.189	0.041	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.189	0.078	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.189	0.039	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.189	0.050	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.189	0.101	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.757	0.093	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.757	0.138	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.189	0.036	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433787

Project Number: 4461.0001B002 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433787-02 Date Collected: 06/14/24 14:10

Client ID: B-2 10 Date Received: 06/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.757	0.185	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.757	0.158	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.189	0.095	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.189	0.106	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.89	0.237	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.89	0.483	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.378	0.039	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.378	0.030	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.378	0.079	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.378	0.090	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.946	0.136	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.73	0.478	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.73	1.66	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433787

Project Number: 4461.0001B002 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433787-02 Date Collected: 06/14/24 14:10

Client ID: B-2 10 Date Received: 06/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	75		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	80		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	83		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	75		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	72		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	109		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	83		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	59		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	42		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	80		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	62		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	61		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	68		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	71		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433787
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433787-03
Client ID: WW-1 6-8
Sample Location: BUFFALO, NY

Date Collected: 06/14/24 14:20
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/21/24 12:27
Analyst: ALS
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	50	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	28	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433787

Project Number: 4461.0001B002 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433787-03 Date Collected: 06/14/24 14:20

Client ID: WW-1 6-8 Date Received: 06/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	42	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	30	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	26	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	28	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	44	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433787

Project Number: 4461.0001B002 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433787-03 Date Collected: 06/14/24 14:20

Client ID: WW-1 6-8 Date Received: 06/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	56		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433787
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433787-03
Client ID: WW-1 6-8
Sample Location: BUFFALO, NY

Date Collected: 06/14/24 14:20
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/20/24 13:56
Analyst: JW
Percent Solids: 90%

Extraction Method: EPA 1633
Extraction Date: 06/19/24 19:20
Cleanup Method: EPA 1633
Cleanup Date: 06/20/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.714	0.045	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.357	0.050	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.178	0.039	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.714	0.072	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.178	0.041	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.178	0.021	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.178	0.021	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.178	0.053	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.178	0.046	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.714	0.250	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.178	0.033	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.178	0.070	1
Perfluorooctanesulfonic Acid (PFOS)	1.42		ng/g	0.178	0.071	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.178	0.067	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.714	0.346	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.178	0.038	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.178	0.089	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.178	0.046	1
Perfluorodecanesulfonic Acid (PFDS)	0.089	J	ng/g	0.178	0.029	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.178	0.039	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.178	0.074	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.178	0.036	1
Perfluorotridecanoic Acid (PFTrDA)	0.157	JF	ng/g	0.178	0.047	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.178	0.095	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.714	0.088	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.714	0.131	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.178	0.034	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433787

Project Number: 4461.0001B002 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433787-03 Date Collected: 06/14/24 14:20

Client ID: WW-1 6-8 Date Received: 06/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.714	0.175	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.714	0.149	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.178	0.089	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.178	0.100	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.78	0.224	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.78	0.456	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.357	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.357	0.028	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.357	0.074	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.357	0.085	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.893	0.128	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.46	0.451	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.46	1.57	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433787

Project Number: 4461.0001B002 **Report Date:** 06/21/24

SAMPLE RESULTS

Lab ID: L2433787-03 Date Collected: 06/14/24 14:20

Client ID: WW-1 6-8 Date Received: 06/14/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	74		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	78		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	82		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	80		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	85		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	91		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	68		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	62		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	63		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	45		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	80		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	53		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	54		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	64		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	64		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433787
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/19/24 22:03
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 06/19/24 09:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1936404-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	100	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433787
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/19/24 22:03
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 06/19/24 09:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1936404-1					
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	69.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433787
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/19/24 22:03
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 06/19/24 09:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1936404-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	95		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	98		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433787
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/20/24 12:26
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 06/19/24 19:20
Cleanup Method: EPA 1633
Cleanup Date: 06/20/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-03 Batch: WG1936689-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433787
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/20/24 12:26
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 06/19/24 19:20
Cleanup Method: EPA 1633
Cleanup Date: 06/20/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-03 Batch: WG1936689-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433787
Report Date: 06/21/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/20/24 12:26
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 06/19/24 19:20
Cleanup Method: EPA 1633
Cleanup Date: 06/20/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-03 Batch: WG1936689-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	75		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	89		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	75		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	73		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	62		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	91		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	59		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	80		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	46		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	53		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	52		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	56		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	58		20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433787

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1936404-2 WG1936404-3								
Acenaphthene	91		88		31-137	3		50
Hexachlorobenzene	88		82		40-140	7		50
Bis(2-chloroethyl)ether	90		84		40-140	7		50
2-Chloronaphthalene	88		83		40-140	6		50
3,3'-Dichlorobenzidine	88		87		40-140	1		50
2,4-Dinitrotoluene	96		90		40-132	6		50
2,6-Dinitrotoluene	92		84		40-140	9		50
Fluoranthene	96		97		40-140	1		50
4-Chlorophenyl phenyl ether	99		93		40-140	6		50
4-Bromophenyl phenyl ether	96		90		40-140	6		50
Bis(2-chloroisopropyl)ether	114		105		40-140	8		50
Bis(2-chloroethoxy)methane	96		89		40-117	8		50
Hexachlorobutadiene	100		96		40-140	4		50
Hexachlorocyclopentadiene	99		92		40-140	7		50
Hexachloroethane	96		90		40-140	6		50
Isophorone	91		84		40-140	8		50
Naphthalene	87		82		40-140	6		50
Nitrobenzene	90		84		40-140	7		50
NDPA/DPA	92		86		36-157	7		50
n-Nitrosodi-n-propylamine	101		93		32-121	8		50
Bis(2-ethylhexyl)phthalate	105		99		40-140	6		50
Butyl benzyl phthalate	110		108		40-140	2		50
Di-n-butylphthalate	103		97		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433787
Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1936404-2 WG1936404-3								
Di-n-octylphthalate	113		107		40-140	5		50
Diethyl phthalate	99		92		40-140	7		50
Dimethyl phthalate	93		85		40-140	9		50
Benzo(a)anthracene	95		94		40-140	1		50
Benzo(a)pyrene	103		99		40-140	4		50
Benzo(b)fluoranthene	95		94		40-140	1		50
Benzo(k)fluoranthene	101		98		40-140	3		50
Chrysene	94		91		40-140	3		50
Acenaphthylene	90		83		40-140	8		50
Anthracene	94		92		40-140	2		50
Benzo(ghi)perylene	100		96		40-140	4		50
Fluorene	92		88		40-140	4		50
Phenanthrene	88		88		40-140	0		50
Dibenzo(a,h)anthracene	101		97		40-140	4		50
Indeno(1,2,3-cd)pyrene	100		96		40-140	4		50
Pyrene	97		96		35-142	1		50
Biphenyl	82		78		37-127	5		50
4-Chloroaniline	90		83		40-140	8		50
2-Nitroaniline	93		84		47-134	10		50
3-Nitroaniline	75		73		26-129	3		50
4-Nitroaniline	91		87		41-125	4		50
Dibenzofuran	91		88		40-140	3		50
2-Methylnaphthalene	89		84		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433787
Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1936404-2 WG1936404-3								
1,2,4,5-Tetrachlorobenzene	89		82		40-117	8		50
Acetophenone	94		85		14-144	10		50
2,4,6-Trichlorophenol	94		88		30-130	7		50
p-Chloro-m-cresol	98		90		26-103	9		50
2-Chlorophenol	93		87		25-102	7		50
2,4-Dichlorophenol	91		84		30-130	8		50
2,4-Dimethylphenol	93		85		30-130	9		50
2-Nitrophenol	92		86		30-130	7		50
4-Nitrophenol	111		102		11-114	8		50
2,4-Dinitrophenol	82		76		4-130	8		50
4,6-Dinitro-o-cresol	103		98		10-130	5		50
Pentachlorophenol	90		80		17-109	12		50
Phenol	**96**	Q	90		26-90	6		50
2-Methylphenol	94		88		30-130.	7		50
3-Methylphenol/4-Methylphenol	93		86		30-130	8		50
2,4,5-Trichlorophenol	98		90		30-130	9		50
Carbazole	93		93		54-128	0		50
Atrazine	87		81		40-140	7		50
Benzaldehyde	77		73		40-140	5		50
Caprolactam	114		104		15-130	9		50
2,3,4,6-Tetrachlorophenol	101		94		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1936404-2 WG1936404-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	99		93		25-120
Phenol-d6	98		91		10-120
Nitrobenzene-d5	88		82		23-120
2-Fluorobiphenyl	87		81		30-120
2,4,6-Tribromophenol	83		77		10-136
4-Terphenyl-d14	90		91		18-120

Lab Control Sample Analysis

Batch Quality Control

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Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03 Batch: WG1936689-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	106		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	112		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	116		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	107		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	118		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	101		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	120		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	108		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	133		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	126		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	113		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	112		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	119		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	136		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	116		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	103		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	91		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	110		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	104		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	100		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	105		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	120		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433787

Report Date: 06/21/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03 Batch: WG1936689-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	94		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	101		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	110		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	125		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	76		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	115		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	99		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	114		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	118		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	106		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	107		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	103		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	112		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	115		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	99		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	103		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	106		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	127		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433787

Report Date: 06/21/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03 Batch: WG1936689-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	78				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	83				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	85				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	83				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	78				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	96				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	107				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	73				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	64				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	90				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	49				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	56				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	55				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	61				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	62				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03 Batch: WG1936689-3								
Perfluorobutanoic Acid (PFBA)	126		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	134		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	129		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	120		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	126		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	126		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	124		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	122		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	127		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	130		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	138		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	111		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	125		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	127		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	134		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	126		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	112		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	126		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	116		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	117		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	126		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	131		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433787

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03 Batch: WG1936689-3								
Perfluorotridecanoic Acid (PFTrDA)	108		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	138		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	122		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	127		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	88		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	114		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	104		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	108		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	110		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	117		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	117		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	142		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	118		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	125		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	111		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	123		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	115		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	**152**	Q	-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03 Batch: WG1936689-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	78				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	91				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	97				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	73				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	114				20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	73				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	67				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	81				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	40				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	85				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	62				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	61				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	63				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	64				20-150

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2433787
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433787-03
Client ID: WW-1 6-8
Sample Location: BUFFALO, NY
Date Collected: 06/14/24 14:20
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.28		mg/kg	0.864	0.180	2	06/20/24 02:00	06/21/24 01:08	EPA 3050B	1,6010D	DHL
Barium, Total	22.7		mg/kg	0.864	0.150	2	06/20/24 02:00	06/21/24 01:08	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.348	J	mg/kg	0.864	0.085	2	06/20/24 02:00	06/21/24 01:08	EPA 3050B	1,6010D	DHL
Chromium, Total	5.40		mg/kg	0.864	0.083	2	06/20/24 02:00	06/21/24 01:08	EPA 3050B	1,6010D	DHL
Lead, Total	62.7		mg/kg	4.32	0.232	2	06/20/24 02:00	06/21/24 01:08	EPA 3050B	1,6010D	DHL
Mercury, Total	0.158		mg/kg	0.085	0.055	1	06/20/24 02:45	06/21/24 11:21	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.73	0.223	2	06/20/24 02:00	06/21/24 01:08	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.432	0.244	2	06/20/24 02:00	06/21/24 01:08	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2433787

Project Number: 4461.0001B002 **Report Date:** 06/21/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03 Batch: WG1936666-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/20/24 02:00	06/20/24 22:55	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03 Batch: WG1936668-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/20/24 02:45	06/21/24 09:43	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433787

Report Date: 06/21/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1936666-2								
Arsenic, Total	87		-		80-120	-		
Barium, Total	86		-		80-120	-		
Cadmium, Total	91		-		80-120	-		
Chromium, Total	91		-		80-120	-		
Lead, Total	91		-		80-120	-		
Selenium, Total	92		-		80-120	-		
Silver, Total	94		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1936668-2								
Mercury, Total	96		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433787
Report Date: 06/21/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1936666-3 WG1936666-4 QC Sample: L2433786-07 Client ID: MS Sample												
Arsenic, Total	59.2	15.8	78.2	120		77.9	118		75-125	0		20
Barium, Total	92.5	263	321	87		326	88		75-125	2		20
Cadmium, Total	2.03	6.96	8.00	86		8.18	88		75-125	2		20
Chromium, Total	49.7	26.3	73.2	89		72.8	88		75-125	1		20
Lead, Total	197	69.6	276	113		280	119		75-125	1		20
Selenium, Total	ND	15.8	15.3	97		15.9	100		75-125	4		20
Silver, Total	ND	6.57	6.40	97		6.49	98		75-125	1		20
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1936668-3 WG1936668-4 QC Sample: L2433786-07 Client ID: MS Sample												
Mercury, Total	38.1	2.5	42.3	**168**	Q	42.6	**182**	Q	80-120	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2433787
Report Date: 06/21/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1936666-6 QC Sample: L2433786-07 Client ID: DUP Sample						
Arsenic, Total	59.2	53.0	mg/kg	10		20
Barium, Total	92.5	90.1	mg/kg	3		20
Chromium, Total	49.7	48.8	mg/kg	2		20
Lead, Total	197	184	mg/kg	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433787
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433787-01
Client ID: B-1 10
Sample Location: BUFFALO, NY

Date Collected: 06/14/24 14:00
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	06/18/24 09:08	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433787
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433787-02
Client ID: B-2 10
Sample Location: BUFFALO, NY

Date Collected: 06/14/24 14:10
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	06/18/24 09:08	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433787
Report Date: 06/21/24

SAMPLE RESULTS

Lab ID: L2433787-03
Client ID: WW-1 6-8
Sample Location: BUFFALO, NY

Date Collected: 06/14/24 14:20
Date Received: 06/14/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	06/18/24 09:08	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2433787

Report Date: 06/21/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1935694-1 QC Sample: L2432005-01 Client ID: DUP Sample						
Solids, Total	83.3	86.9	%	4		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433787
Report Date: 06/21/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2433787-01A	Glass 60ml unpreserved split	A	NA		4.5	Y	Absent		TS(7)
L2433787-01B	Plastic 8oz unpreserved	A	NA		4.5	Y	Absent		A2-1633-DRAFT(90)
L2433787-02A	Glass 60ml unpreserved split	A	NA		4.5	Y	Absent		TS(7)
L2433787-02B	Plastic 8oz unpreserved	A	NA		4.5	Y	Absent		A2-1633-DRAFT(90)
L2433787-03A	Glass 60ml unpreserved split	A	NA		4.5	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2433787-03B	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TS(7)
L2433787-03C	Plastic 8oz unpreserved	A	NA		4.5	Y	Absent		A2-1633-DRAFT(90)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433787
Report Date: 06/21/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433787
Report Date: 06/21/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2433787
Project Number:	4461.0001B002	**Report Date:**	06/21/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2433787
Project Number:	4461.0001B002	**Report Date:**	06/21/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2433787
Project Number:	4461.0001B002	**Report Date:**	06/21/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2433787
Project Number:	4461.0001B002	**Report Date:**	06/21/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 6/15/24

ALPHA Job #: L2433787

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: mmuniey@rouxinc.com

Project Information
Project Name: 1681-1689 main street
Project Location: Buffalo, NY
Project # 4461. 0001 Boo 2
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 5 Day TAT
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PFAS 22-1633	TCL SVOCS	RCRA Metals	Total Bottle	Sample Specific Comments
33787 01	B-1 10	6-14-24	1400	Soil	CEH	X				
02	B-2 10	6-14-24	1410	Soil	CEH	X				
03	WW-1 6-8	6-14-24	1420	Soil	CEH	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Seth Hochreiter	6-14-24 1510	PACE	6/14/24 1510
PACE	6/14/24 1510		6/15/24 0140

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2434665
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	06/25/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434665
Report Date: 06/25/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2434665-01	B-19 7	SOIL	BUFFALO, NY	06/19/24 14:20	06/19/24
L2434665-02	B-20 7	SOIL	BUFFALO, NY	06/19/24 14:30	06/19/24
L2434665-03	B-21 3.5	SOIL	BUFFALO, NY	06/19/24 14:40	06/19/24
L2434665-04	B-31 3.5	SOIL	BUFFALO, NY	06/19/24 14:50	06/19/24
L2434665-05	B-32 3.5	SOIL	BUFFALO, NY	06/19/24 15:00	06/19/24
L2434665-06	B-35 3.5	SOIL	BUFFALO, NY	06/19/24 15:10	06/19/24
L2434665-07	B-36 3.5	SOIL	BUFFALO, NY	06/19/24 15:20	06/19/24
L2434665-08	B-37 3.5	SOIL	BUFFALO, NY	06/19/24 15:30	06/19/24
L2434665-09	BLIND DUP	SOIL	BUFFALO, NY	06/19/24 08:00	06/19/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2434665
Project Number:	4461.0001B002	**Report Date:**	06/25/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2434665
Project Number:	4461.0001B002	**Report Date:**	06/25/24

Case Narrative (continued)

Report Submission

June 25, 2024: This final report includes the results of all requested analyses.

June 21, 2024: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by 1633

L2434665-01 and WG1937729-1/-2/-3: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1937729-2 LCS recovery, associated with L2434665-01, is above the acceptance criteria for 3-perfluoroheptyl propanoic acid (7:3ftca) (152%); however, the associated sample is non-detect to the RL for this target analyte. The results of the original analysis are reported.

The WG1937729-3 LCS recovery, associated with L2434665-01, is above the acceptance criteria for 3-perfluoroheptyl propanoic acid (7:3ftca) (167%); however, the associated sample is non-detect to the RL for this target analyte.

Total Metals

L2434665-01 through -09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1936826-3 MS recoveries, performed on L2434665-04, are outside the acceptance criteria for lead (73%) and selenium (71%). A post digestion spike was performed and was within acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 06/25/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-01
Client ID: B-19 7
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 14:20
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/21/24 04:46
Analyst: ALS
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-01 Date Collected: 06/19/24 14:20

Client ID: B-19 7 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-01 Date Collected: 06/19/24 14:20

Client ID: B-19 7 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	63		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-01
Client ID: B-19 7
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 14:20
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/24/24 01:11
Analyst: SL
Percent Solids: 85%

Extraction Method: EPA 1633
Extraction Date: 06/21/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.761	0.048	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.381	0.053	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.190	0.041	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.761	0.077	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.190	0.044	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.190	0.022	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.190	0.022	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.190	0.056	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.190	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.761	0.266	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.190	0.035	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.190	0.075	1
Perfluorooctanesulfonic Acid (PFOS)	0.081	J	ng/g	0.190	0.075	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.190	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.761	0.368	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.190	0.040	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.190	0.095	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.190	0.049	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.190	0.030	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.190	0.041	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.190	0.078	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.190	0.039	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.190	0.050	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.190	0.101	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.761	0.094	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.761	0.139	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.190	0.037	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-01 Date Collected: 06/19/24 14:20

Client ID: B-19 7 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.761	0.186	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.761	0.159	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.190	0.095	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.190	0.106	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.90	0.238	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.90	0.486	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.381	0.039	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.381	0.030	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.381	0.079	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.381	0.091	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.952	0.137	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.76	0.480	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.76	1.67	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-01 Date Collected: 06/19/24 14:20

Client ID: B-19 7 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	93		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	120		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	119		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	90		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	94		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	92		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**194**	Q	20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	80		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	85		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	77		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	52		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	75		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	47		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	47		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	78		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	59		20-150

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-02
Client ID: B-20 7
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 14:30
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/21/24 10:52
Analyst: ALS
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-02 Date Collected: 06/19/24 14:30

Client ID: B-20 7 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-02 Date Collected: 06/19/24 14:30

Client ID: B-20 7 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	56		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-03
Client ID: B-21 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 14:40
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/21/24 08:52
Analyst: ALS
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-03 Date Collected: 06/19/24 14:40

Client ID: B-21 3.5 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-03 Date Collected: 06/19/24 14:40

Client ID: B-21 3.5 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	58		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-04
Client ID: B-31 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 14:50
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/21/24 12:04
Analyst: ALS
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-04 Date Collected: 06/19/24 14:50

Client ID: B-31 3.5 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-04 Date Collected: 06/19/24 14:50

Client ID: B-31 3.5 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	64		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-05
Client ID: B-32 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 15:00
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/21/24 12:51
Analyst: ALS
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-05 Date Collected: 06/19/24 15:00

Client ID: B-32 3.5 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-05 Date Collected: 06/19/24 15:00

Client ID: B-32 3.5 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	65		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-06
Client ID: B-35 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 15:10
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/21/24 13:55
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-06 Date Collected: 06/19/24 15:10

Client ID: B-35 3.5 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-06 Date Collected: 06/19/24 15:10

Client ID: B-35 3.5 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	68		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-07
Client ID: B-36 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 15:20
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/21/24 08:28
Analyst: ALS
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-07 Date Collected: 06/19/24 15:20

Client ID: B-36 3.5 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-07 Date Collected: 06/19/24 15:20

Client ID: B-36 3.5 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	58		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-08
Client ID: B-37 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 15:30
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/21/24 10:28
Analyst: ALS
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-08 Date Collected: 06/19/24 15:30

Client ID: B-37 3.5 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-08 Date Collected: 06/19/24 15:30

Client ID: B-37 3.5 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	65		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-09
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 08:00
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/21/24 14:13
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/20/24 09:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	110	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	55	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-09 Date Collected: 06/19/24 08:00

Client ID: BLIND DUP Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	75	J	ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	60	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	38	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	28	J	ug/kg	150	27.	1
Pyrene	100	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-09 Date Collected: 06/19/24 08:00

Client ID: BLIND DUP Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	64		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434665
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/19/24 22:03
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 06/19/24 09:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1936404-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	100	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434665
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/19/24 22:03
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 06/19/24 09:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1936404-1					
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	69.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/19/24 22:03
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 06/19/24 09:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1936404-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	95		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	98		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/23/24 20:02
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/21/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG1937729-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/23/24 20:02
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/21/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG1937729-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/23/24 20:02
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 06/21/24 17:20
Cleanup Method: EPA 1633
Cleanup Date: 06/22/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01 Batch: WG1937729-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	128		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	75		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	112		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85		20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	74		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**245**	Q	20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	79		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	84		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	95		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	80		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	47		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	78		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	74		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	75		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	70		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	74		20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434665

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1936404-2 WG1936404-3								
Acenaphthene	91		88		31-137	3		50
Hexachlorobenzene	88		82		40-140	7		50
Bis(2-chloroethyl)ether	90		84		40-140	7		50
2-Chloronaphthalene	88		83		40-140	6		50
3,3'-Dichlorobenzidine	88		87		40-140	1		50
2,4-Dinitrotoluene	96		90		40-132	6		50
2,6-Dinitrotoluene	92		84		40-140	9		50
Fluoranthene	96		97		40-140	1		50
4-Chlorophenyl phenyl ether	99		93		40-140	6		50
4-Bromophenyl phenyl ether	96		90		40-140	6		50
Bis(2-chloroisopropyl)ether	114		105		40-140	8		50
Bis(2-chloroethoxy)methane	96		89		40-117	8		50
Hexachlorobutadiene	100		96		40-140	4		50
Hexachlorocyclopentadiene	99		92		40-140	7		50
Hexachloroethane	96		90		40-140	6		50
Isophorone	91		84		40-140	8		50
Naphthalene	87		82		40-140	6		50
Nitrobenzene	90		84		40-140	7		50
NDPA/DPA	92		86		36-157	7		50
n-Nitrosodi-n-propylamine	101		93		32-121	8		50
Bis(2-ethylhexyl)phthalate	105		99		40-140	6		50
Butyl benzyl phthalate	110		108		40-140	2		50
Di-n-butylphthalate	103		97		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434665

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1936404-2 WG1936404-3								
Di-n-octylphthalate	113		107		40-140	5		50
Diethyl phthalate	99		92		40-140	7		50
Dimethyl phthalate	93		85		40-140	9		50
Benzo(a)anthracene	95		94		40-140	1		50
Benzo(a)pyrene	103		99		40-140	4		50
Benzo(b)fluoranthene	95		94		40-140	1		50
Benzo(k)fluoranthene	101		98		40-140	3		50
Chrysene	94		91		40-140	3		50
Acenaphthylene	90		83		40-140	8		50
Anthracene	94		92		40-140	2		50
Benzo(ghi)perylene	100		96		40-140	4		50
Fluorene	92		88		40-140	4		50
Phenanthrene	88		88		40-140	0		50
Dibenzo(a,h)anthracene	101		97		40-140	4		50
Indeno(1,2,3-cd)pyrene	100		96		40-140	4		50
Pyrene	97		96		35-142	1		50
Biphenyl	82		78		37-127	5		50
4-Chloroaniline	90		83		40-140	8		50
2-Nitroaniline	93		84		47-134	10		50
3-Nitroaniline	75		73		26-129	3		50
4-Nitroaniline	91		87		41-125	4		50
Dibenzofuran	91		88		40-140	3		50
2-Methylnaphthalene	89		84		40-140	6		50

Lab Control Sample Analysis

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Lab Number: L2434665

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1936404-2 WG1936404-3								
1,2,4,5-Tetrachlorobenzene	89		82		40-117	8		50
Acetophenone	94		85		14-144	10		50
2,4,6-Trichlorophenol	94		88		30-130	7		50
p-Chloro-m-cresol	98		90		26-103	9		50
2-Chlorophenol	93		87		25-102	7		50
2,4-Dichlorophenol	91		84		30-130	8		50
2,4-Dimethylphenol	93		85		30-130	9		50
2-Nitrophenol	92		86		30-130	7		50
4-Nitrophenol	111		102		11-114	8		50
2,4-Dinitrophenol	82		76		4-130	8		50
4,6-Dinitro-o-cresol	103		98		10-130	5		50
Pentachlorophenol	90		80		17-109	12		50
Phenol	**96**	Q	90		26-90	6		50
2-Methylphenol	94		88		30-130.	7		50
3-Methylphenol/4-Methylphenol	93		86		30-130	8		50
2,4,5-Trichlorophenol	98		90		30-130	9		50
Carbazole	93		93		54-128	0		50
Atrazine	87		81		40-140	7		50
Benzaldehyde	77		73		40-140	5		50
Caprolactam	114		104		15-130	9		50
2,3,4,6-Tetrachlorophenol	101		94		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1936404-2 WG1936404-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	99		93		25-120
Phenol-d6	98		91		10-120
Nitrobenzene-d5	88		82		23-120
2-Fluorobiphenyl	87		81		30-120
2,4,6-Tribromophenol	83		77		10-136
4-Terphenyl-d14	90		91		18-120

Lab Control Sample Analysis

Batch Quality Control

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Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1937729-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	103		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	109		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	102		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	101		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	107		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	103		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	112		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	100		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	96		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	127		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	98		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	98		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	100		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	107		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	114		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	110		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	84		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	121		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	105		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	104		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	94		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	107		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434665

Report Date: 06/25/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1937729-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	116		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	106		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	105		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	109		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	82		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	103		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	109		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	100		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	120		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	104		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	107		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	104		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	104		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	98		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	106		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	92		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	101		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	**152**	Q	-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

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Project Number: 4461.0001B002

Lab Number: L2434665

Report Date: 06/25/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1937729-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	90				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	98				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	128				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	91				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	115				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	91				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	98				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	76				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**229**	Q			20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	90				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	102				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	47				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	74				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	79				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	75				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	77				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	81				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434665

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1937729-3								
Perfluorobutanoic Acid (PFBA)	105		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	111		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	112		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	103		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	109		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	113		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	101		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	90		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	114		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	104		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	105		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	109		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	110		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	125		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	123		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	87		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	135		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	119		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	104		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	109		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	111		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434665

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1937729-3								
Perfluorotridecanoic Acid (PFTrDA)	133		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	122		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	108		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	117		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	101		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	107		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	115		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	107		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	110		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	112		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	112		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	110		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	110		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	103		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	120		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	96		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	108		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	**167**	Q	-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01 Batch: WG1937729-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	93				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	127				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	87				20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	76				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	91				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	116				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	93				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	89				20-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	72				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**211**	Q			20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	81				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	82				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	91				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	53				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	74				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	80				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	79				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	80				20-150

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434665

Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1936404-4 WG1936404-5 QC Sample: L2434665-04 Client ID: B-31 3.5												
Acenaphthene	ND	1570	1000	64		1000	63		31-137	0		50
Hexachlorobenzene	ND	1570	1000	64		940	59		40-140	6		50
Bis(2-chloroethyl)ether	ND	1570	950	60		990	63		40-140	4		50
2-Chloronaphthalene	ND	1570	1000	64		1000	63		40-140	0		50
3,3'-Dichlorobenzidine	ND	1570	1100	70		1000	63		40-140	10		50
2,4-Dinitrotoluene	ND	1570	1100	70		1100	70		40-132	0		50
2,6-Dinitrotoluene	ND	1570	1100	70		1100	70		40-140	0		50
Fluoranthene	ND	1570	1000	64		970	61		40-140	3		50
4-Chlorophenyl phenyl ether	ND	1570	1000	64		980	62		40-140	2		50
4-Bromophenyl phenyl ether	ND	1570	1000	64		960	61		40-140	4		50
Bis(2-chloroisopropyl)ether	ND	1570	940	60		970	61		40-140	3		50
Bis(2-chloroethoxy)methane	ND	1570	1000	64		1000	63		40-117	0		50
Hexachlorobutadiene	ND	1570	940	60		970	61		40-140	3		50
Hexachlorocyclopentadiene	ND	1570	800	51		790	50		40-140	1		50
Hexachloroethane	ND	1570	900	57		950	60		40-140	5		50
Isophorone	ND	1570	990	63		1000	63		40-140	1		50
Naphthalene	ND	1570	990	63		1000	63		40-140	1		50
Nitrobenzene	ND	1570	980	62		1000	63		40-140	2		50
NDPA/DPA	ND	1570	1000	64		1000	63		36-157	0		50
n-Nitrosodi-n-propylamine	ND	1570	980	62		1000	63		32-121	2		50
Bis(2-ethylhexyl)phthalate	ND	1570	1200	76		1100	70		40-140	9		50
Butyl benzyl phthalate	ND	1570	960	61		900	57		40-140	6		50
Di-n-butylphthalate	ND	1570	1100	70		1000	63		40-140	10		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434665

Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1936404-4 WG1936404-5 QC Sample: L2434665-04 Client ID: B-31 3.5												
Di-n-octylphthalate	ND	1570	1000	64		980	62		40-140	2		50
Diethyl phthalate	ND	1570	1100	70		1000	63		40-140	10		50
Dimethyl phthalate	ND	1570	1000	64		1000	63		40-140	0		50
Benzo(a)anthracene	ND	1570	1000	64		950	60		40-140	5		50
Benzo(a)pyrene	ND	1570	990	63		950	60		40-140	4		50
Benzo(b)fluoranthene	ND	1570	960	61		930	59		40-140	3		50
Benzo(k)fluoranthene	ND	1570	1000	64		970	61		40-140	3		50
Chrysene	ND	1570	1000	64		960	61		40-140	4		50
Acenaphthylene	ND	1570	1000	64		1000	63		40-140	0		50
Anthracene	ND	1570	1000	64		1000	63		40-140	0		50
Benzo(ghi)perylene	ND	1570	940	60		910	58		40-140	3		50
Fluorene	ND	1570	1000	64		1000	63		40-140	0		50
Phenanthrene	ND	1570	1000	64		980	62		40-140	2		50
Dibenzo(a,h)anthracene	ND	1570	960	61		920	58		40-140	4		50
Indeno(1,2,3-cd)pyrene	ND	1570	920	58		900	57		40-140	2		50
Pyrene	ND	1570	1000	64		970	61		35-142	3		50
Biphenyl	ND	1570	1000	64		1000	63		37-127	0		50
4-Chloroaniline	ND	1570	960	61		940	59		40-140	2		50
2-Nitroaniline	ND	1570	1200	76		1200	76		47-134	0		50
3-Nitroaniline	ND	1570	1000	64		990	63		26-129	1		50
4-Nitroaniline	ND	1570	1200	76		1100	70		41-125	9		50
Dibenzofuran	ND	1570	1000	64		1000	63		40-140	0		50
2-Methylnaphthalene	ND	1570	1000	64		1000	63		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434665

Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1936404-4 WG1936404-5 QC Sample: L2434665-04 Client ID: B-31 3.5												
1,2,4,5-Tetrachlorobenzene	ND	1570	1000	64		1000	63		40-117	0		50
Acetophenone	ND	1570	1000	64		1000	63		14-144	0		50
2,4,6-Trichlorophenol	ND	1570	1100	70		1000	63		30-130	10		50
p-Chloro-m-cresol	ND	1570	1100	70		1100	70		26-103	0		50
2-Chlorophenol	ND	1570	970	62		1000	63		25-102	3		50
2,4-Dichlorophenol	ND	1570	1100	70		1100	70		30-130	0		50
2,4-Dimethylphenol	ND	1570	940	60		950	60		30-130	1		50
2-Nitrophenol	ND	1570	1000	64		1100	70		30-130	10		50
4-Nitrophenol	ND	1570	990	63		970	61		11-114	2		50
2,4-Dinitrophenol	ND	1570	330J	21		300J	19		4-130	10		50
4,6-Dinitro-o-cresol	ND	1570	790	50		750	47		10-130	5		50
Pentachlorophenol	ND	1570	930	59		910	58		17-109	2		50
Phenol	ND	1570	1000	64		1000	63		26-90	0		50
2-Methylphenol	ND	1570	1000	64		1000	63		30-130.	0		50
3-Methylphenol/4-Methylphenol	ND	1570	1000	64		1000	63		30-130	0		50
2,4,5-Trichlorophenol	ND	1570	1100	70		1100	70		30-130	0		50
Carbazole	ND	1570	1100	70		1000	63		54-128	10		50
Atrazine	ND	1570	1100	70		1100	70		40-140	0		50
Benzaldehyde	ND	1570	930	59		980	62		40-140	5		50
Caprolactam	ND	1570	1000	64		1000	63		15-130	0		50
2,3,4,6-Tetrachlorophenol	ND	1570	1100	70		1100	70		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434665

Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1936404-4 WG1936404-5 QC Sample: L2434665-04 Client ID: B-31 3.5												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	69		67		10-136
2-Fluorobiphenyl	64		64		30-120
2-Fluorophenol	63		66		25-120
4-Terphenyl-d14	60		57		18-120
Nitrobenzene-d5	61		64		23-120
Phenol-d6	66		67		10-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-01
Client ID: B-19 7
Sample Location: BUFFALO, NY
Date Collected: 06/19/24 14:20
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.77		mg/kg	0.917	0.191	2	06/20/24 11:20	06/20/24 21:43	EPA 3050B	1,6010D	JMF
Barium, Total	55.8		mg/kg	0.917	0.159	2	06/20/24 11:20	06/20/24 21:43	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.152	J	mg/kg	0.917	0.090	2	06/20/24 11:20	06/20/24 21:43	EPA 3050B	1,6010D	JMF
Chromium, Total	9.37		mg/kg	0.917	0.088	2	06/20/24 11:20	06/20/24 21:43	EPA 3050B	1,6010D	JMF
Lead, Total	12.5		mg/kg	4.58	0.246	2	06/20/24 11:20	06/20/24 21:43	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.048	1	06/20/24 12:47	06/21/24 08:25	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.83	0.236	2	06/20/24 11:20	06/20/24 21:43	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.458	0.259	2	06/20/24 11:20	06/20/24 21:43	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Lab Number: L2434665
Project Number: 4461.0001B002
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-02
Client ID: B-20 7
Sample Location: BUFFALO, NY
Date Collected: 06/19/24 14:30
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.85		mg/kg	0.913	0.190	2	06/20/24 11:20	06/20/24 21:46	EPA 3050B	1,6010D	JMF
Barium, Total	82.2		mg/kg	0.913	0.159	2	06/20/24 11:20	06/20/24 21:46	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.160	J	mg/kg	0.913	0.089	2	06/20/24 11:20	06/20/24 21:46	EPA 3050B	1,6010D	JMF
Chromium, Total	13.1		mg/kg	0.913	0.088	2	06/20/24 11:20	06/20/24 21:46	EPA 3050B	1,6010D	JMF
Lead, Total	16.1		mg/kg	4.56	0.245	2	06/20/24 11:20	06/20/24 21:46	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.098	0.064	1	06/20/24 12:47	06/21/24 08:28	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.82	0.235	2	06/20/24 11:20	06/20/24 21:46	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.456	0.258	2	06/20/24 11:20	06/20/24 21:46	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-03
Client ID: B-21 3.5
Sample Location: BUFFALO, NY
Date Collected: 06/19/24 14:40
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.07		mg/kg	0.898	0.187	2	06/20/24 11:20	06/20/24 21:50	EPA 3050B	1,6010D	JMF
Barium, Total	99.9		mg/kg	0.898	0.156	2	06/20/24 11:20	06/20/24 21:50	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.141	J	mg/kg	0.898	0.088	2	06/20/24 11:20	06/20/24 21:50	EPA 3050B	1,6010D	JMF
Chromium, Total	14.5		mg/kg	0.898	0.086	2	06/20/24 11:20	06/20/24 21:50	EPA 3050B	1,6010D	JMF
Lead, Total	15.3		mg/kg	4.49	0.241	2	06/20/24 11:20	06/20/24 21:50	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.078	0.051	1	06/20/24 12:47	06/21/24 08:32	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.80	0.232	2	06/20/24 11:20	06/20/24 21:50	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.449	0.254	2	06/20/24 11:20	06/20/24 21:50	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-04
Client ID: B-31 3.5
Sample Location: BUFFALO, NY
Date Collected: 06/19/24 14:50
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.95		mg/kg	0.912	0.190	2	06/20/24 11:20	06/20/24 20:56	EPA 3050B	1,6010D	JMF
Barium, Total	69.6		mg/kg	0.912	0.159	2	06/20/24 11:20	06/20/24 20:56	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.115	J	mg/kg	0.912	0.089	2	06/20/24 11:20	06/20/24 20:56	EPA 3050B	1,6010D	JMF
Chromium, Total	12.0		mg/kg	0.912	0.088	2	06/20/24 11:20	06/20/24 20:56	EPA 3050B	1,6010D	JMF
Lead, Total	13.8		mg/kg	4.56	0.244	2	06/20/24 11:20	06/20/24 20:56	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.076	0.050	1	06/20/24 12:47	06/21/24 07:31	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.82	0.235	2	06/20/24 11:20	06/20/24 20:56	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.456	0.258	2	06/20/24 11:20	06/20/24 20:56	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-05
Client ID: B-32 3.5
Sample Location: BUFFALO, NY
Date Collected: 06/19/24 15:00
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.27		mg/kg	0.937	0.195	2	06/20/24 11:20	06/20/24 21:53	EPA 3050B	1,6010D	JMF
Barium, Total	132		mg/kg	0.937	0.163	2	06/20/24 11:20	06/20/24 21:53	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.140	J	mg/kg	0.937	0.092	2	06/20/24 11:20	06/20/24 21:53	EPA 3050B	1,6010D	JMF
Chromium, Total	14.5		mg/kg	0.937	0.090	2	06/20/24 11:20	06/20/24 21:53	EPA 3050B	1,6010D	JMF
Lead, Total	16.4		mg/kg	4.68	0.251	2	06/20/24 11:20	06/20/24 21:53	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.092	0.060	1	06/20/24 12:47	06/21/24 08:35	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.87	0.242	2	06/20/24 11:20	06/20/24 21:53	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.468	0.265	2	06/20/24 11:20	06/20/24 21:53	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-06
Client ID: B-35 3.5
Sample Location: BUFFALO, NY
Date Collected: 06/19/24 15:10
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.54		mg/kg	0.887	0.184	2	06/20/24 11:20	06/20/24 21:57	EPA 3050B	1,6010D	JMF
Barium, Total	86.5		mg/kg	0.887	0.154	2	06/20/24 11:20	06/20/24 21:57	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.140	J	mg/kg	0.887	0.087	2	06/20/24 11:20	06/20/24 21:57	EPA 3050B	1,6010D	JMF
Chromium, Total	13.3		mg/kg	0.887	0.085	2	06/20/24 11:20	06/20/24 21:57	EPA 3050B	1,6010D	JMF
Lead, Total	12.6		mg/kg	4.44	0.238	2	06/20/24 11:20	06/20/24 21:57	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.077	0.050	1	06/20/24 12:47	06/21/24 08:38	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.77	0.229	2	06/20/24 11:20	06/20/24 21:57	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.444	0.251	2	06/20/24 11:20	06/20/24 21:57	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-07
Client ID: B-36 3.5
Sample Location: BUFFALO, NY
Date Collected: 06/19/24 15:20
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.15		mg/kg	0.928	0.193	2	06/20/24 11:20	06/20/24 22:15	EPA 3050B	1,6010D	JMF
Barium, Total	63.3		mg/kg	0.928	0.162	2	06/20/24 11:20	06/20/24 22:15	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.119	J	mg/kg	0.928	0.091	2	06/20/24 11:20	06/20/24 22:15	EPA 3050B	1,6010D	JMF
Chromium, Total	13.1		mg/kg	0.928	0.089	2	06/20/24 11:20	06/20/24 22:15	EPA 3050B	1,6010D	JMF
Lead, Total	12.6		mg/kg	4.64	0.249	2	06/20/24 11:20	06/20/24 22:15	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.089	0.058	1	06/20/24 12:47	06/21/24 08:42	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.86	0.240	2	06/20/24 11:20	06/20/24 22:15	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.464	0.263	2	06/20/24 11:20	06/20/24 22:15	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434665

Project Number: 4461.0001B002 **Report Date:** 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-08 Date Collected: 06/19/24 15:30

Client ID: B-37 3.5 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.88		mg/kg	0.910	0.189	2	06/20/24 11:20	06/20/24 22:21	EPA 3050B	1,6010D	JMF
Barium, Total	102		mg/kg	0.910	0.158	2	06/20/24 11:20	06/20/24 22:21	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.130	J	mg/kg	0.910	0.089	2	06/20/24 11:20	06/20/24 22:21	EPA 3050B	1,6010D	JMF
Chromium, Total	13.1		mg/kg	0.910	0.087	2	06/20/24 11:20	06/20/24 22:21	EPA 3050B	1,6010D	JMF
Lead, Total	13.9		mg/kg	4.55	0.244	2	06/20/24 11:20	06/20/24 22:21	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.078	0.051	1	06/20/24 12:47	06/21/24 08:52	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.82	0.235	2	06/20/24 11:20	06/20/24 22:21	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.455	0.258	2	06/20/24 11:20	06/20/24 22:21	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-09
Client ID: BLIND DUP
Sample Location: BUFFALO, NY
Date Collected: 06/19/24 08:00
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.06		mg/kg	0.894	0.186	2	06/20/24 11:20	06/20/24 22:25	EPA 3050B	1,6010D	JMF
Barium, Total	87.6		mg/kg	0.894	0.156	2	06/20/24 11:20	06/20/24 22:25	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.122	J	mg/kg	0.894	0.088	2	06/20/24 11:20	06/20/24 22:25	EPA 3050B	1,6010D	JMF
Chromium, Total	14.8		mg/kg	0.894	0.086	2	06/20/24 11:20	06/20/24 22:25	EPA 3050B	1,6010D	JMF
Lead, Total	14.9		mg/kg	4.47	0.240	2	06/20/24 11:20	06/20/24 22:25	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/20/24 12:47	06/21/24 08:55	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.79	0.231	2	06/20/24 11:20	06/20/24 22:25	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.447	0.253	2	06/20/24 11:20	06/20/24 22:25	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434665
Report Date: 06/25/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-09 Batch: WG1936826-1										
Arsenic, Total	0.089	J	mg/kg	0.400	0.083	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Lead, Total	0.131	J	mg/kg	2.00	0.107	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	06/20/24 11:20	06/20/24 20:38	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-09 Batch: WG1936829-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/20/24 12:47	06/21/24 07:24	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434665

Report Date: 06/25/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1936826-2								
Arsenic, Total	95		-		80-120	-		
Barium, Total	102		-		80-120	-		
Cadmium, Total	97		-		80-120	-		
Chromium, Total	98		-		80-120	-		
Lead, Total	97		-		80-120	-		
Selenium, Total	94		-		80-120	-		
Silver, Total	102		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1936829-2								
Mercury, Total	96		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434665
Report Date: 06/25/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1936826-3 WG1936826-4 QC Sample: L2434665-04 Client ID: B-31 3.5												
Arsenic, Total	4.95	10.9	13.5	78		14.6	87		75-125	8		20
Barium, Total	69.6	181	223	84		220	82		75-125	1		20
Cadmium, Total	0.115J	4.81	3.63	76		3.76	77		75-125	4		20
Chromium, Total	12.0	18.1	26.6	80		27.4	84		75-125	3		20
Lead, Total	13.8	48.1	49.0	**73**	Q	54.1	83		75-125	10		20
Selenium, Total	ND	10.9	7.70	**71**	Q	8.81	80		75-125	13		20
Silver, Total	ND	4.54	3.88	86		3.97	86		75-125	2		20
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1936829-3 WG1936829-4 QC Sample: L2434665-04 Client ID: B-31 3.5												
Mercury, Total	ND	1.72	1.73	101		1.95	101		80-120	12		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2434665
Report Date: 06/25/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1936826-6 QC Sample: L2434665-04 Client ID: B-31 3.5						
Barium, Total	69.6	76.0	mg/kg	9		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-01
Client ID: B-19 7
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 14:20
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	06/20/24 08:20	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-02
Client ID: B-20 7
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 14:30
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.5		%	0.100	NA	1	-	06/20/24 08:20	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-03
Client ID: B-21 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 14:40
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	06/20/24 08:20	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-04
Client ID: B-31 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 14:50
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	06/20/24 08:20	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-05
Client ID: B-32 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 15:00
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	06/20/24 08:20	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-06
Client ID: B-35 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 15:10
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	06/20/24 08:20	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-07
Client ID: B-36 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 15:20
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	06/20/24 08:20	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-08
Client ID: B-37 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 15:30
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.1		%	0.100	NA	1	-	06/20/24 08:20	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434665
Report Date: 06/25/24

SAMPLE RESULTS

Lab ID: L2434665-09
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 08:00
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	06/20/24 08:20	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434665

Report Date: 06/25/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1936900-1 QC Sample: L2434665-04 Client ID: B-31 3.5						
Solids, Total	83.9	83.3	%	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434665
Report Date: 06/25/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434665-01A	Glass 60ml unpreserved split	A	NA		4.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2434665-01B	Plastic 8oz unpreserved	A	NA		4.8	Y	Absent		A2-1633-DRAFT(90)
L2434665-01C	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)
L2434665-02A	Glass 60ml unpreserved split	A	NA		4.8	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2434665-02B	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)
L2434665-03A	Glass 60ml unpreserved split	A	NA		4.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2434665-03B	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)
L2434665-04A	Glass 60ml unpreserved split	A	NA		4.8	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2434665-04A1	Glass 60ml unpreserved split	A	NA		4.8	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2434665-04A2	Glass 60ml unpreserved split	A	NA		4.8	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2434665-04B	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)
L2434665-04B1	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)
L2434665-04B2	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)
L2434665-05A	Glass 60ml unpreserved split	A	NA		4.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2434665-05B	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)
L2434665-06A	Glass 60ml unpreserved split	A	NA		4.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434665
Report Date: 06/25/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434665-06B	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)
L2434665-07A	Glass 60ml unpreserved split	A	NA		4.8	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2434665-07B	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)
L2434665-08A	Glass 60ml unpreserved split	A	NA		4.8	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2434665-08B	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)
L2434665-09A	Glass 60ml unpreserved split	A	NA		4.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2434665-09B	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434665
Report Date: 06/25/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434665
Report Date: 06/25/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2434665
Project Number:	4461.0001B002	**Report Date:**	06/25/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2434665
Project Number:	4461.0001B002	**Report Date:**	06/25/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2434665
Project Number:	4461.0001B002	**Report Date:**	06/25/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2434665
Project Number:	4461.0001B002	**Report Date:**	06/25/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 6/20/24

ALPHA Job #: L2434665

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmuniz@rouxinc.com

Project Information

Project Name: 1681-1689 Main
Project Location: Buffalo, NY
Project #: 4461.001.002
(Use Project name as Project #)
Project Manager:
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☒ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT B 2 Day TAT except PFAS on fastest possible turn

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	PFAS 1633	Total Bottle
34665-01	B-19 7	6-19-24	1420	Soil	CEH	X	X	X	
02	B-20 7	6-19-24	1430			X	X		
03	B-21 3.5	6-19-24	1440			X	X		
04	B-31 3.5	6-19-24	1450			X	X		
04	B-31 3.5 MS/MSD	6-19-24	1450			X	X		
05	B-32 3.5	6-19-24	1500			X	X		
06	B-35 3.5	6-19-24	1510			X	X		
07	B-36 3.5	6-19-24	1520			X	X		
08	B-37 3.5	6-19-24	1530			X	X		
09	Blind Dup	6-19-24	0800			X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	
Preservative	

Relinquished By:	Date/Time	Received By:	Date/Time
Chester Hochreuter	6-19-24 1550	(Pace)	6/19/24 1550
(Pace)	6/19/24 1550		6/20/24 0030

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2434673
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	06/30/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/30/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2434673-01	NW-1 4-6	SOIL	BUFFALO, NY	06/19/24 14:00	06/19/24
L2434673-02	NW-2 4-6	SOIL	BUFFALO, NY	06/19/24 14:10	06/19/24
L2434673-03	SW-3 2-3	SOIL	BUFFALO, NY	06/19/24 13:50	06/19/24
L2434673-04	SW-4 2-3	SOIL	BUFFALO, NY	06/19/24 13:45	06/19/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2434673
Project Number:	4461.0001B002	**Report Date:**	06/30/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2434673
Project Number:	4461.0001B002	**Report Date:**	06/30/24

Case Narrative (continued)

Report Submission

June 30, 2024: This final report includes the results of all requested analyses.

June 27, 2024: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by 1633

L2434673-01, -02, WG1940415-1, and WG1940415-3: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details. The WG1940415-3 LCS recovery, associated with L2434673-01 and -02, is above the acceptance criteria for 3-perfluoroheptyl propanoic acid (7:3ftca) (184%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

Total Metals

L2434673-03 and -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 06/30/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434673
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2434673-01
Client ID: NW-1 4-6
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 14:00
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/28/24 21:41
Analyst: AC
Percent Solids: 88%

Extraction Method: EPA 1633
Extraction Date: 06/27/24 17:00
Cleanup Method: EPA 1633
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.787	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.393	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.787	0.080	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.197	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.197	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.197	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.197	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.197	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.787	0.275	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.197	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.197	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	0.194	J	ng/g	0.197	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.197	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.787	0.381	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.197	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.197	0.098	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.197	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.197	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.197	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.197	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.197	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.197	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.197	0.105	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.787	0.097	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.787	0.144	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.197	0.038	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434673

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2434673-01 Date Collected: 06/19/24 14:00

Client ID: NW-1 4-6 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.787	0.193	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.787	0.164	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.197	0.098	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.197	0.110	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.97	0.246	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.97	0.502	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.393	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.393	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.393	0.082	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.393	0.094	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.984	0.142	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.92	0.496	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.92	1.73	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434673

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2434673-01 Date Collected: 06/19/24 14:00

Client ID: NW-1 4-6 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83		46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85		48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	89		48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	102		23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	86		48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	70		35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85		50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	**110**	Q	48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89		19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83		48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79		51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86		47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	77		10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	89		10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74		38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77		22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	77		10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	68		33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	43		15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	68		45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	70		10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	68		10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	70		10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	74		13-116

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434673
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2434673-02
Client ID: NW-2 4-6
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 14:10
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/28/24 21:54
Analyst: AC
Percent Solids: 87%

Extraction Method: EPA 1633
Extraction Date: 06/27/24 17:00
Cleanup Method: EPA 1633
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.768	0.048	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.384	0.054	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.192	0.042	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.768	0.078	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.192	0.045	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.192	0.022	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.192	0.022	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.192	0.057	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.192	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.768	0.269	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.192	0.035	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.192	0.075	1
Perfluorooctanesulfonic Acid (PFOS)	0.126	J	ng/g	0.192	0.076	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.192	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.768	0.372	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.192	0.041	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.192	0.096	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.192	0.049	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.192	0.031	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.192	0.042	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.192	0.079	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.192	0.039	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.192	0.051	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.192	0.102	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.768	0.095	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.768	0.141	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.192	0.037	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434673

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2434673-02 Date Collected: 06/19/24 14:10

Client ID: NW-2 4-6 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.768	0.188	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.768	0.160	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.192	0.096	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.192	0.108	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.92	0.240	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.92	0.490	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.384	0.039	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.384	0.030	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.384	0.080	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.384	0.091	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.960	0.138	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.80	0.485	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.80	1.69	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434673

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2434673-02 Date Collected: 06/19/24 14:10

Client ID: NW-2 4-6 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81		46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87		48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	100		23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82		48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	73		35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	105		48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89		19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83		48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	82		51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	73		47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	70		10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**174**	Q	10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70		38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	74		22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	66		10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61		33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	36		15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	69		45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	59		10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	61		10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	62		10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	65		13-116

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434673
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2434673-03
Client ID: SW-3 2-3
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 13:50
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/27/24 06:38
Analyst: LJG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 16:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	42	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	22	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434673

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2434673-03 Date Collected: 06/19/24 13:50

Client ID: SW-3 2-3 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	20	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	23	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	32	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434673

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2434673-03 Date Collected: 06/19/24 13:50

Client ID: SW-3 2-3 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	67		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434673
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2434673-04
Client ID: SW-4 2-3
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 13:45
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/27/24 05:23
Analyst: LJG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 16:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434673

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2434673-04 Date Collected: 06/19/24 13:45

Client ID: SW-4 2-3 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	450	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434673

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2434673-04 Date Collected: 06/19/24 13:45

Client ID: SW-4 2-3 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	71		18-120

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434673

Project Number: 4461.0001B002 **Report Date:** 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 00:04
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/26/24 11:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1939682-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434673

Project Number: 4461.0001B002 **Report Date:** 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 00:04
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/26/24 11:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1939682-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434673
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 00:04
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/26/24 11:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1939682-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	43		10-136
4-Terphenyl-d14	62		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434673
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/28/24 16:32
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/27/24 17:00
Cleanup Method: EPA 1633
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-02 Batch: WG1940415-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434673
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/28/24 16:32
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/27/24 17:00
Cleanup Method: EPA 1633
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-02 Batch: WG1940415-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434673
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/28/24 16:32
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/27/24 17:00
Cleanup Method: EPA 1633
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-02 Batch: WG1940415-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76		46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	77		48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82		48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	101		23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79		48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	65		35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	103		48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	81		19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80		48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79		51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77		47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69		10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**194**	Q	10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	69		38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	74		22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	71		10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61		33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	32		15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	67		45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	65		10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	64		10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	60		10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66		13-116

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434673

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1939682-2 WG1939682-3								
Acenaphthene	82		71		31-137	14		50
Hexachlorobenzene	74		63		40-140	16		50
Bis(2-chloroethyl)ether	80		68		40-140	16		50
2-Chloronaphthalene	88		74		40-140	17		50
3,3'-Dichlorobenzidine	80		68		40-140	16		50
2,4-Dinitrotoluene	92		80		40-132	14		50
2,6-Dinitrotoluene	92		77		40-140	18		50
Fluoranthene	92		80		40-140	14		50
4-Chlorophenyl phenyl ether	92		79		40-140	15		50
4-Bromophenyl phenyl ether	85		75		40-140	13		50
Bis(2-chloroisopropyl)ether	122		105		40-140	15		50
Bis(2-chloroethoxy)methane	86		75		40-117	14		50
Hexachlorobutadiene	98		83		40-140	17		50
Hexachlorocyclopentadiene	69		58		40-140	17		50
Hexachloroethane	81		70		40-140	15		50
Isophorone	89		77		40-140	14		50
Naphthalene	80		68		40-140	16		50
Nitrobenzene	92		79		40-140	15		50
NDPA/DPA	86		74		36-157	15		50
n-Nitrosodi-n-propylamine	93		79		32-121	16		50
Bis(2-ethylhexyl)phthalate	75		66		40-140	13		50
Butyl benzyl phthalate	89		77		40-140	14		50
Di-n-butylphthalate	97		84		40-140	14		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434673

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1939682-2 WG1939682-3								
Di-n-octylphthalate	76		67		40-140	13		50
Diethyl phthalate	88		77		40-140	13		50
Dimethyl phthalate	93		79		40-140	16		50
Benzo(a)anthracene	88		77		40-140	13		50
Benzo(a)pyrene	79		69		40-140	14		50
Benzo(b)fluoranthene	76		68		40-140	11		50
Benzo(k)fluoranthene	77		65		40-140	17		50
Chrysene	82		72		40-140	13		50
Acenaphthylene	90		76		40-140	17		50
Anthracene	87		75		40-140	15		50
Benzo(ghi)perylene	87		76		40-140	13		50
Fluorene	87		74		40-140	16		50
Phenanthrene	83		73		40-140	13		50
Dibenzo(a,h)anthracene	88		77		40-140	13		50
Indeno(1,2,3-cd)pyrene	86		75		40-140	14		50
Pyrene	91		79		35-142	14		50
Biphenyl	82		68		37-127	19		50
4-Chloroaniline	81		66		40-140	20		50
2-Nitroaniline	88		74		47-134	17		50
3-Nitroaniline	72		60		26-129	18		50
4-Nitroaniline	83		73		41-125	13		50
Dibenzofuran	84		73		40-140	14		50
2-Methylnaphthalene	87		73		40-140	18		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434673

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1939682-2 WG1939682-3								
1,2,4,5-Tetrachlorobenzene	87		73		40-117	18		50
Acetophenone	85		71		14-144	18		50
2,4,6-Trichlorophenol	98		81		30-130	19		50
p-Chloro-m-cresol	98		83		26-103	17		50
2-Chlorophenol	82		69		25-102	17		50
2,4-Dichlorophenol	93		78		30-130	18		50
2,4-Dimethylphenol	85		72		30-130	17		50
2-Nitrophenol	82		70		30-130	16		50
4-Nitrophenol	108		92		11-114	16		50
2,4-Dinitrophenol	78		70		4-130	11		50
4,6-Dinitro-o-cresol	85		74		10-130	14		50
Pentachlorophenol	76		65		17-109	16		50
Phenol	88		74		26-90	17		50
2-Methylphenol	90		75		30-130.	18		50
3-Methylphenol/4-Methylphenol	87		74		30-130	16		50
2,4,5-Trichlorophenol	99		83		30-130	18		50
Carbazole	84		73		54-128	14		50
Atrazine	92		78		40-140	16		50
Benzaldehyde	70		62		40-140	12		50
Caprolactam	124		106		15-130	16		50
2,3,4,6-Tetrachlorophenol	95		82		40-140	15		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1939682-2 WG1939682-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		69		25-120
Phenol-d6	87		74		10-120
Nitrobenzene-d5	87		75		23-120
2-Fluorobiphenyl	87		72		30-120
2,4,6-Tribromophenol	65		56		10-136
4-Terphenyl-d14	82		70		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434673

Report Date: 06/30/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1940415-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	108		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	109		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	102		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	104		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	112		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	111		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	119		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	108		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	98		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	114		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	98		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	110		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	104		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	119		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	105		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	115		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	98		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	112		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	95		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	72		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	109		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	115		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434673

Report Date: 06/30/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1940415-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	126		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	128		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	101		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	116		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	64		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	115		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	99		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	105		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	114		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	112		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	109		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	106		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	108		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	107		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	103		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	97		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	115		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	74		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434673

Report Date: 06/30/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1940415-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81				46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	78				48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87				48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	100				23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81				48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	70				35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81				50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	106				48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85				19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	77				48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83				51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75				47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	71				10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	81				10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70				38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77				22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	67				10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62				33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	32				15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	69				45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	69				10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	64				10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	61				10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	69				13-116

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1940415-3								
Perfluorobutanoic Acid (PFBA)	95		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	101		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	99		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	92		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	96		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	102		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	108		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	92		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	80		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	97		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	100		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	92		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	103		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	98		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	93		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	104		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	76		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	95		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	94		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	95		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	96		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	102		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434673

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1940415-3								
Perfluorotridecanoic Acid (PFTrDA)	118		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	113		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	96		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	104		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	60		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	101		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	95		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	95		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	97		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	96		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	104		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	97		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	102		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	101		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	84		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	85		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	106		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	**184**	Q	-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02 Batch: WG1940415-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81				46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	80				48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86				48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	106				23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82				48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	71				35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82				50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	109				48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88				19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85				48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81				51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79				47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	74				10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**226**	Q			10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	72				38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	78				22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78				10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62				33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	32				15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	72				45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	68				10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	66				10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	67				10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	69				13-116

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434673
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2434673-03
Client ID: SW-3 2-3
Sample Location: BUFFALO, NY
Date Collected: 06/19/24 13:50
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.17		mg/kg	0.896	0.186	2	06/25/24 22:50	06/26/24 12:00	EPA 3050B	1,6010D	HJM
Barium, Total	84.9		mg/kg	0.896	0.156	2	06/25/24 22:50	06/26/24 12:00	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.896	0.088	2	06/25/24 22:50	06/26/24 12:00	EPA 3050B	1,6010D	HJM
Chromium, Total	12.4		mg/kg	0.896	0.086	2	06/25/24 22:50	06/26/24 12:00	EPA 3050B	1,6010D	HJM
Lead, Total	11.5		mg/kg	4.48	0.240	2	06/25/24 22:50	06/26/24 12:00	EPA 3050B	1,6010D	HJM
Mercury, Total	ND		mg/kg	0.086	0.056	1	06/25/24 23:10	06/26/24 11:06	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.79	0.231	2	06/25/24 22:50	06/26/24 12:00	EPA 3050B	1,6010D	HJM
Silver, Total	ND		mg/kg	0.448	0.254	2	06/25/24 22:50	06/26/24 12:00	EPA 3050B	1,6010D	HJM

Project Name: 1681-1689 MAIN STREET
Lab Number: L2434673
Project Number: 4461.0001B002
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2434673-04
Client ID: SW-4 2-3
Sample Location: BUFFALO, NY
Date Collected: 06/19/24 13:45
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.04		mg/kg	0.934	0.194	2	06/25/24 22:50	06/26/24 12:07	EPA 3050B	1,6010D	HJM
Barium, Total	83.0		mg/kg	0.934	0.162	2	06/25/24 22:50	06/26/24 12:07	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.934	0.092	2	06/25/24 22:50	06/26/24 12:07	EPA 3050B	1,6010D	HJM
Chromium, Total	13.4		mg/kg	0.934	0.090	2	06/25/24 22:50	06/26/24 12:07	EPA 3050B	1,6010D	HJM
Lead, Total	11.3		mg/kg	4.67	0.250	2	06/25/24 22:50	06/26/24 12:07	EPA 3050B	1,6010D	HJM
Mercury, Total	ND		mg/kg	0.096	0.063	1	06/25/24 23:10	06/26/24 11:09	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.87	0.241	2	06/25/24 22:50	06/26/24 12:07	EPA 3050B	1,6010D	HJM
Silver, Total	ND		mg/kg	0.467	0.264	2	06/25/24 22:50	06/26/24 12:07	EPA 3050B	1,6010D	HJM

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434673

Project Number: 4461.0001B002 **Report Date:** 06/30/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03-04 Batch: WG1938862-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/25/24 22:50	06/26/24 08:56	1,6010D	HJM
Barium, Total	ND		mg/kg	0.400	0.070	1	06/25/24 22:50	06/26/24 08:56	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/25/24 22:50	06/26/24 08:56	1,6010D	HJM
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/25/24 22:50	06/26/24 08:56	1,6010D	HJM
Lead, Total	ND		mg/kg	2.00	0.107	1	06/25/24 22:50	06/26/24 08:56	1,6010D	HJM
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/25/24 22:50	06/26/24 08:56	1,6010D	HJM
Silver, Total	ND		mg/kg	0.200	0.113	1	06/25/24 22:50	06/26/24 08:56	1,6010D	HJM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03-04 Batch: WG1938863-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/25/24 23:10	06/26/24 09:46	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434673

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04 Batch: WG1938862-2								
Arsenic, Total	98		-		80-120	-		
Barium, Total	115		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Lead, Total	101		-		80-120	-		
Selenium, Total	97		-		80-120	-		
Silver, Total	109		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 03-04 Batch: WG1938863-2								
Mercury, Total	98		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04 QC Batch ID: WG1938862-3 QC Sample: L2434565-21 Client ID: MS Sample												
Arsenic, Total	1.64	11	12.3	97		-	-		75-125	-		20
Barium, Total	27.1	184	210	100		-	-		75-125	-		20
Cadmium, Total	ND	4.86	4.55	94		-	-		75-125	-		20
Chromium, Total	9.73	18.4	26.6	92		-	-		75-125	-		20
Lead, Total	6.21	48.6	51.2	92		-	-		75-125	-		20
Selenium, Total	ND	11	9.29	84		-	-		75-125	-		20
Silver, Total	ND	4.59	4.16	91		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 03-04 QC Batch ID: WG1938863-3 QC Sample: L2434565-27 Client ID: MS Sample												
Mercury, Total	0.516	2.35	2.92	102		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434673

Report Date: 06/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04 QC Batch ID: WG1938862-4 QC Sample: L2434565-21 Client ID: DUP Sample						
Arsenic, Total	1.64	1.40	mg/kg	16		20
Barium, Total	27.1	23.4	mg/kg	15		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	9.73	11.3	mg/kg	15		20
Lead, Total	6.21	5.98	mg/kg	4		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 03-04 QC Batch ID: WG1938863-4 QC Sample: L2434565-27 Client ID: DUP Sample						
Mercury, Total	0.516	0.555	mg/kg	7		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2434673
Report Date: 06/30/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04 QC Batch ID: WG1938862-6 QC Sample: L2434565-21 Client ID: DUP Sample						
Barium, Total	27.1	28.4	mg/kg	5		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2434673-01
Client ID: NW-1 4-6
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 14:00
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	88.4		%	0.100	0.100	1	-	06/25/24 10:11	121,2540G	KAR

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2434673-02
Client ID: NW-2 4-6
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 14:10
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	87.2		%	0.100	0.100	1	-	06/25/24 10:11	121,2540G	KAR

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2434673-03
Client ID: SW-3 2-3
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 13:50
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	06/20/24 12:19	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2434673-04
Client ID: SW-4 2-3
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 13:45
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	06/20/24 12:19	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434673

Report Date: 06/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03-04 QC Batch ID: WG1936984-1 QC Sample: L2433838-03 Client ID: DUP Sample						
Solids, Total	91.2	90.8	%	0		20
General Chemistry - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1938985-1 QC Sample: L2434673-01 Client ID: NW-1 4-6						
Solids, Total	88.4	88.6	%	0		10

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/30/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434673-01A	Plastic 8oz unpreserved	A	NA		4.8	Y	Absent		A2-TS(7),A2-1633-DRAFT(90)
L2434673-02A	Plastic 8oz unpreserved	A	NA		4.8	Y	Absent		A2-TS(7),A2-1633-DRAFT(90)
L2434673-03A	Glass 60ml unpreserved split	A	NA		4.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2434673-03B	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)
L2434673-04A	Glass 60ml unpreserved split	A	NA		4.8	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2434673-04B	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/30/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/30/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2434673
Project Number:	4461.0001B002	**Report Date:**	06/30/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2434673
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2434673
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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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Project Number:	4461.0001B002	**Report Date:**	06/30/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 6/20/24

ALPHA Job #: L2434673

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmuniz@rouxinc.com

Project Information

Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461-000183
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PFAS 1633	TCL SVOCs	RCRA Metals	Total Bottle	Sample Specific Comments
34673-01	NW-1 4-6	6-19-24	1400	Soil	CEH	X				
02	NW-2 4-6	↓	1410	↓	↓	X				
03	SW-3 2-3		1350				X	X		
04	SW-4 2-3	↓	1345	↓	↓		X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Chester Hodgkins	6-19-24 1550	CEH (Pace)	6/19/24 1550
CEH (Pace)	6/19/24 1550		6/20/24 0030

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

JOB: L2434673 REPORT STYLE: Data Usability Report
0010: Alpha Analytical Report Cover Page - OK
0015: Sample Cross Reference Summary - OK
0060: Case Narrative - OK
0180: Semivolatiles Cover Page - OK
0190: Semivolatiles Sample Results - OK
0200: Semivolatiles Method Blank Report - OK
0210: Semivolatiles LCS Report - OK
1005: Metals Sample Results - OK
1010: Metals Method Blank Report - OK
1020: Metals LCS Report - OK
1040: Metals Matrix Spike Report - OK
1050: Metals Duplicate Report - OK
1060: Metals Serial Dilution Report - OK
1180: Inorganics Cover Page - OK
1200: Wet Chemistry Sample Results - OK
1250: Wet Chemistry Duplicate Report - OK
5100: Sample Receipt & Container Information Report - OK
5200: Glossary - OK
5400: References - OK

No results found for sample L2434673-01 for product A2-1633-DRAFT
No results found for sample L2434673-02 for product A2-1633-DRAFT

ANALYTICAL REPORT

Lab Number:	L2434673
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	06/27/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/27/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2434673-01	NW-1 4-6	SOIL	BUFFALO, NY	06/19/24 14:00	06/19/24
L2434673-02	NW-2 4-6	SOIL	BUFFALO, NY	06/19/24 14:10	06/19/24
L2434673-03	SW-3 2-3	SOIL	BUFFALO, NY	06/19/24 13:50	06/19/24
L2434673-04	SW-4 2-3	SOIL	BUFFALO, NY	06/19/24 13:45	06/19/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2434673
Project Number:	4461.0001B002	**Report Date:**	06/27/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2434673
Project Number:	4461.0001B002	**Report Date:**	06/27/24

Case Narrative (continued)

Report Submission

June 27, 2024: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2434673-03 and -04: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 06/27/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434673
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434673-03
Client ID: SW-3 2-3
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 13:50
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/27/24 06:38
Analyst: LJG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 16:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	42	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	22	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434673

Project Number: 4461.0001B002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434673-03 Date Collected: 06/19/24 13:50

Client ID: SW-3 2-3 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	20	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	23	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	32	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434673

Project Number: 4461.0001B002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434673-03 Date Collected: 06/19/24 13:50

Client ID: SW-3 2-3 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	67		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434673
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434673-04
Client ID: SW-4 2-3
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 13:45
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/27/24 05:23
Analyst: LJG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/26/24 16:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434673

Project Number: 4461.0001B002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434673-04 Date Collected: 06/19/24 13:45

Client ID: SW-4 2-3 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	450	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434673

Project Number: 4461.0001B002 **Report Date:** 06/27/24

SAMPLE RESULTS

Lab ID: L2434673-04 Date Collected: 06/19/24 13:45

Client ID: SW-4 2-3 Date Received: 06/19/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	71		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 00:04
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/26/24 11:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1939682-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434673
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 00:04
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/26/24 11:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1939682-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434673
Report Date: 06/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 00:04
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/26/24 11:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1939682-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	43		10-136
4-Terphenyl-d14	62		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434673

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1939682-2 WG1939682-3								
Acenaphthene	82		71		31-137	14		50
Hexachlorobenzene	74		63		40-140	16		50
Bis(2-chloroethyl)ether	80		68		40-140	16		50
2-Chloronaphthalene	88		74		40-140	17		50
3,3'-Dichlorobenzidine	80		68		40-140	16		50
2,4-Dinitrotoluene	92		80		40-132	14		50
2,6-Dinitrotoluene	92		77		40-140	18		50
Fluoranthene	92		80		40-140	14		50
4-Chlorophenyl phenyl ether	92		79		40-140	15		50
4-Bromophenyl phenyl ether	85		75		40-140	13		50
Bis(2-chloroisopropyl)ether	122		105		40-140	15		50
Bis(2-chloroethoxy)methane	86		75		40-117	14		50
Hexachlorobutadiene	98		83		40-140	17		50
Hexachlorocyclopentadiene	69		58		40-140	17		50
Hexachloroethane	81		70		40-140	15		50
Isophorone	89		77		40-140	14		50
Naphthalene	80		68		40-140	16		50
Nitrobenzene	92		79		40-140	15		50
NDPA/DPA	86		74		36-157	15		50
n-Nitrosodi-n-propylamine	93		79		32-121	16		50
Bis(2-ethylhexyl)phthalate	75		66		40-140	13		50
Butyl benzyl phthalate	89		77		40-140	14		50
Di-n-butylphthalate	97		84		40-140	14		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434673

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1939682-2 WG1939682-3								
Di-n-octylphthalate	76		67		40-140	13		50
Diethyl phthalate	88		77		40-140	13		50
Dimethyl phthalate	93		79		40-140	16		50
Benzo(a)anthracene	88		77		40-140	13		50
Benzo(a)pyrene	79		69		40-140	14		50
Benzo(b)fluoranthene	76		68		40-140	11		50
Benzo(k)fluoranthene	77		65		40-140	17		50
Chrysene	82		72		40-140	13		50
Acenaphthylene	90		76		40-140	17		50
Anthracene	87		75		40-140	15		50
Benzo(ghi)perylene	87		76		40-140	13		50
Fluorene	87		74		40-140	16		50
Phenanthrene	83		73		40-140	13		50
Dibenzo(a,h)anthracene	88		77		40-140	13		50
Indeno(1,2,3-cd)pyrene	86		75		40-140	14		50
Pyrene	91		79		35-142	14		50
Biphenyl	82		68		37-127	19		50
4-Chloroaniline	81		66		40-140	20		50
2-Nitroaniline	88		74		47-134	17		50
3-Nitroaniline	72		60		26-129	18		50
4-Nitroaniline	83		73		41-125	13		50
Dibenzofuran	84		73		40-140	14		50
2-Methylnaphthalene	87		73		40-140	18		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434673

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1939682-2 WG1939682-3								
1,2,4,5-Tetrachlorobenzene	87		73		40-117	18		50
Acetophenone	85		71		14-144	18		50
2,4,6-Trichlorophenol	98		81		30-130	19		50
p-Chloro-m-cresol	98		83		26-103	17		50
2-Chlorophenol	82		69		25-102	17		50
2,4-Dichlorophenol	93		78		30-130	18		50
2,4-Dimethylphenol	85		72		30-130	17		50
2-Nitrophenol	82		70		30-130	16		50
4-Nitrophenol	108		92		11-114	16		50
2,4-Dinitrophenol	78		70		4-130	11		50
4,6-Dinitro-o-cresol	85		74		10-130	14		50
Pentachlorophenol	76		65		17-109	16		50
Phenol	88		74		26-90	17		50
2-Methylphenol	90		75		30-130.	18		50
3-Methylphenol/4-Methylphenol	87		74		30-130	16		50
2,4,5-Trichlorophenol	99		83		30-130	18		50
Carbazole	84		73		54-128	14		50
Atrazine	92		78		40-140	16		50
Benzaldehyde	70		62		40-140	12		50
Caprolactam	124		106		15-130	16		50
2,3,4,6-Tetrachlorophenol	95		82		40-140	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434673

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1939682-2 WG1939682-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		69		25-120
Phenol-d6	87		74		10-120
Nitrobenzene-d5	87		75		23-120
2-Fluorobiphenyl	87		72		30-120
2,4,6-Tribromophenol	65		56		10-136
4-Terphenyl-d14	82		70		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434673
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434673-03
Client ID: SW-3 2-3
Sample Location: BUFFALO, NY
Date Collected: 06/19/24 13:50
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.17		mg/kg	0.896	0.186	2	06/25/24 22:50	06/26/24 12:00	EPA 3050B	1,6010D	HJM
Barium, Total	84.9		mg/kg	0.896	0.156	2	06/25/24 22:50	06/26/24 12:00	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.896	0.088	2	06/25/24 22:50	06/26/24 12:00	EPA 3050B	1,6010D	HJM
Chromium, Total	12.4		mg/kg	0.896	0.086	2	06/25/24 22:50	06/26/24 12:00	EPA 3050B	1,6010D	HJM
Lead, Total	11.5		mg/kg	4.48	0.240	2	06/25/24 22:50	06/26/24 12:00	EPA 3050B	1,6010D	HJM
Mercury, Total	ND		mg/kg	0.086	0.056	1	06/25/24 23:10	06/26/24 11:06	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.79	0.231	2	06/25/24 22:50	06/26/24 12:00	EPA 3050B	1,6010D	HJM
Silver, Total	ND		mg/kg	0.448	0.254	2	06/25/24 22:50	06/26/24 12:00	EPA 3050B	1,6010D	HJM

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2434673
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434673-04
Client ID: SW-4 2-3
Sample Location: BUFFALO, NY
Date Collected: 06/19/24 13:45
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.04		mg/kg	0.934	0.194	2	06/25/24 22:50	06/26/24 12:07	EPA 3050B	1,6010D	HJM
Barium, Total	83.0		mg/kg	0.934	0.162	2	06/25/24 22:50	06/26/24 12:07	EPA 3050B	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.934	0.092	2	06/25/24 22:50	06/26/24 12:07	EPA 3050B	1,6010D	HJM
Chromium, Total	13.4		mg/kg	0.934	0.090	2	06/25/24 22:50	06/26/24 12:07	EPA 3050B	1,6010D	HJM
Lead, Total	11.3		mg/kg	4.67	0.250	2	06/25/24 22:50	06/26/24 12:07	EPA 3050B	1,6010D	HJM
Mercury, Total	ND		mg/kg	0.096	0.063	1	06/25/24 23:10	06/26/24 11:09	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.87	0.241	2	06/25/24 22:50	06/26/24 12:07	EPA 3050B	1,6010D	HJM
Silver, Total	ND		mg/kg	0.467	0.264	2	06/25/24 22:50	06/26/24 12:07	EPA 3050B	1,6010D	HJM

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2434673

Project Number: 4461.0001B002 **Report Date:** 06/27/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03-04 Batch: WG1938862-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/25/24 22:50	06/26/24 08:56	1,6010D	HJM
Barium, Total	ND		mg/kg	0.400	0.070	1	06/25/24 22:50	06/26/24 08:56	1,6010D	HJM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/25/24 22:50	06/26/24 08:56	1,6010D	HJM
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/25/24 22:50	06/26/24 08:56	1,6010D	HJM
Lead, Total	ND		mg/kg	2.00	0.107	1	06/25/24 22:50	06/26/24 08:56	1,6010D	HJM
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/25/24 22:50	06/26/24 08:56	1,6010D	HJM
Silver, Total	ND		mg/kg	0.200	0.113	1	06/25/24 22:50	06/26/24 08:56	1,6010D	HJM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03-04 Batch: WG1938863-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/25/24 23:10	06/26/24 09:46	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434673

Report Date: 06/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04 Batch: WG1938862-2								
Arsenic, Total	98		-		80-120	-		
Barium, Total	115		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Lead, Total	101		-		80-120	-		
Selenium, Total	97		-		80-120	-		
Silver, Total	109		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 03-04 Batch: WG1938863-2								
Mercury, Total	98		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04 QC Batch ID: WG1938862-3 QC Sample: L2434565-21 Client ID: MS Sample												
Arsenic, Total	1.64	11	12.3	97		-	-		75-125	-		20
Barium, Total	27.1	184	210	100		-	-		75-125	-		20
Cadmium, Total	ND	4.86	4.55	94		-	-		75-125	-		20
Chromium, Total	9.73	18.4	26.6	92		-	-		75-125	-		20
Lead, Total	6.21	48.6	51.2	92		-	-		75-125	-		20
Selenium, Total	ND	11	9.29	84		-	-		75-125	-		20
Silver, Total	ND	4.59	4.16	91		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 03-04 QC Batch ID: WG1938863-3 QC Sample: L2434565-27 Client ID: MS Sample												
Mercury, Total	0.516	2.35	2.92	102		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434673

Report Date: 06/27/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04 QC Batch ID: WG1938862-4 QC Sample: L2434565-21 Client ID: DUP Sample						
Arsenic, Total	1.64	1.40	mg/kg	16		20
Barium, Total	27.1	23.4	mg/kg	15		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	9.73	11.3	mg/kg	15		20
Lead, Total	6.21	5.98	mg/kg	4		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 03-04 QC Batch ID: WG1938863-4 QC Sample: L2434565-27 Client ID: DUP Sample						
Mercury, Total	0.516	0.555	mg/kg	7		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2434673
Report Date: 06/27/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04 QC Batch ID: WG1938862-6 QC Sample: L2434565-21 Client ID: DUP Sample						
Barium, Total	27.1	28.4	mg/kg	5		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434673-01
Client ID: NW-1 4-6
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 14:00
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	88.4		%	0.100	0.100	1	-	06/25/24 10:11	121,2540G	KAR

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434673-02
Client ID: NW-2 4-6
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 14:10
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	87.2		%	0.100	0.100	1	-	06/25/24 10:11	121,2540G	KAR

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434673-03
Client ID: SW-3 2-3
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 13:50
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	06/20/24 12:19	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/27/24

SAMPLE RESULTS

Lab ID: L2434673-04
Client ID: SW-4 2-3
Sample Location: BUFFALO, NY

Date Collected: 06/19/24 13:45
Date Received: 06/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	06/20/24 12:19	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2434673

Report Date: 06/27/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03-04 QC Batch ID: WG1936984-1 QC Sample: L2433838-03 Client ID: DUP Sample						
Solids, Total	91.2	90.8	%	0		20
General Chemistry - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1938985-1 QC Sample: L2434673-01 Client ID: NW-1 4-6						
Solids, Total	88.4	88.6	%	0		10

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/27/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2434673-01A	Plastic 8oz unpreserved	A	NA		4.8	Y	Absent		A2-TS(7),A2-1633-DRAFT(90)
L2434673-02A	Plastic 8oz unpreserved	A	NA		4.8	Y	Absent		A2-TS(7),A2-1633-DRAFT(90)
L2434673-03A	Glass 60ml unpreserved split	A	NA		4.8	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2434673-03B	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)
L2434673-04A	Glass 60ml unpreserved split	A	NA		4.8	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2434673-04B	Glass 250ml/8oz unpreserved	A	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2434673
Project Number:	4461.0001B002	**Report Date:**	06/27/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2434673
Project Number:	4461.0001B002	**Report Date:**	06/27/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2434673
Project Number:	4461.0001B002	**Report Date:**	06/27/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2434673
Project Number:	4461.0001B002	**Report Date:**	06/27/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
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FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 6/20/24

ALPHA Job #: L2434673

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmuniz@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461-000183
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PFAS 1633	TCL SVOCs	RCRA Metals	Total Bottle	Sample Specific Comments
34673-01	NW-1 4-6	6-19-24	1400	Soil	CEH	X				
02	NW-2 4-6	↓	1410	↓	↓	X				
03	SW-3 2-3		1350				X	X		
04	SW-4 2-3	↓	1345	↓	↓		X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Chester Hodgkins	6-19-24 1550	CEH (Pace)	6/19/24 1550
CEH (Pace)	6/19/24 1550		6/20/24 0030

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2435606
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	06/30/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/30/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2435606-01	B-17 7	SOIL	BUFFALO, NY	06/24/24 13:30	06/24/24
L2435606-02	B-18 7	SOIL	BUFFALO, NY	06/24/24 13:40	06/24/24
L2435606-03	BLIND DUP	SOIL	BUFFALO, NY	06/24/24 08:00	06/24/24
L2435606-05	B-27 3.5	SOIL	BUFFALO, NY	06/24/24 13:50	06/24/24
L2435606-06	B-28 3.5	SOIL	BUFFALO, NY	06/24/24 14:00	06/24/24
L2435606-07	WW-2 3-5	SOIL	BUFFALO, NY	06/24/24 13:20	06/24/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2435606
Project Number:	4461.0001B002	**Report Date:**	06/30/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2435606
Project Number:	4461.0001B002	**Report Date:**	06/30/24

Case Narrative (continued)

Report Submission

June 30, 2024: This final report includes the results of all requested analyses.

June 26, 2024: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2435606-01, -02, -05, -06, and -07: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Perfluorinated Alkyl Acids by 1633

L2435606-01, -02, -07, WG1939737-1, WG1940415-1, WG1939737-2, WG1939737-3, WG1940415-3, WG1939737-4, WG1939737-5, and WG1940415-5: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1939737-3 LCS recovery, associated with L2435606-01, -02, and -07, is above the acceptance criteria for 3-perfluoroheptyl propanoic acid (7:3ftca) (161%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

The WG1940415-3 LCS recovery, associated with L2435606-03, is above the acceptance criteria for 3-perfluoroheptyl propanoic acid (7:3ftca) (184%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

The WG1939737-4/-4 MS/MSD recoveries, performed on L2435606-02, are outside the acceptance criteria for 3-perfluoroheptyl propanoic acid (7:3ftca) (173%/163%).

The WG1940415-4/-5 MS/MSD RPD, performed on L2435606-03, is outside the acceptance criteria for 3-perfluoroheptyl propanoic acid (7:3ftca) (72%).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 06/30/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-01
Client ID: B-17 7
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 13:30
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/26/24 01:11
Analyst: SZ
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 03:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-01 Date Collected: 06/24/24 13:30

Client ID: B-17 7 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-01 Date Collected: 06/24/24 13:30

Client ID: B-17 7 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	98		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-01
Client ID: B-17 7
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 13:30
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/27/24 18:22
Analyst: AC
Percent Solids: 88%

Extraction Method: EPA 1633
Extraction Date: 06/26/24 16:30
Cleanup Method: EPA 1633
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.796	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.796	0.080	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.059	1
Perfluorooctanoic Acid (PFOA)	0.077	J	ng/g	0.199	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.796	0.278	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.199	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.796	0.385	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.796	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.796	0.146	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.038	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-01 Date Collected: 06/24/24 13:30

Client ID: B-17 7 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.796	0.195	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.796	0.166	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.099	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.111	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.249	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.508	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.994	0.143	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.97	0.502	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.97	1.75	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-01 Date Collected: 06/24/24 13:30

Client ID: B-17 7 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	68		46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	67		48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87		48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	103		23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	72		48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	62		35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	73		50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	96		48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	77		19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	72		51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	73		47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	66		10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**191**	Q	10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70		38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	62		22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	67		10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61		33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	35		15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	58		45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	48		10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	50		10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	51		10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	53		13-116

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-02
Client ID: B-18 7
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 13:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/26/24 02:45
Analyst: SZ
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 03:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	66	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	28	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-02 Date Collected: 06/24/24 13:40

Client ID: B-18 7 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	36	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	29	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	29	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	53	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-02 Date Collected: 06/24/24 13:40

Client ID: B-18 7 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	102		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-02
Client ID: B-18 7
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 13:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/27/24 18:35
Analyst: AC
Percent Solids: 87%

Extraction Method: EPA 1633
Extraction Date: 06/26/24 16:30
Cleanup Method: EPA 1633
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.803	0.051	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.401	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.201	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.803	0.081	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.201	0.047	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.201	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.201	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.201	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.201	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.803	0.281	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.201	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.201	0.079	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.201	0.080	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.201	0.076	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.803	0.388	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.201	0.043	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.201	0.100	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.201	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.201	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.201	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.201	0.083	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.201	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.201	0.053	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.201	0.107	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.803	0.099	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.803	0.147	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.201	0.039	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-02 Date Collected: 06/24/24 13:40

Client ID: B-18 7 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.803	0.197	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.803	0.168	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.201	0.100	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.201	0.112	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.01	0.251	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.01	0.512	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.401	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.401	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.401	0.084	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.401	0.096	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.02	0.506	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.02	1.77	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-02 Date Collected: 06/24/24 13:40

Client ID: B-18 7 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	75		46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	73		48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80		48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	112		23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78		48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	65		35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	101		48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	84		19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80		48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79		51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	71		47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	72		10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**194**	Q	10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	62		38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	72		22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	82		10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64		33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	36		15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	62		45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	62		10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	62		10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	59		10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	61		13-116

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-03
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 08:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/28/24 17:11
Analyst: AC
Percent Solids: 87%

Extraction Method: EPA 1633
Extraction Date: 06/27/24 17:00
Cleanup Method: EPA 1633
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.788	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.394	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.197	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.788	0.080	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.197	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.197	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.197	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.197	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.197	0.051	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.788	0.276	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.197	0.036	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.197	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.197	0.078	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.197	0.074	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.788	0.381	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.197	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.197	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.197	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.197	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.197	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.197	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.197	0.040	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.197	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.197	0.105	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.788	0.097	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.788	0.144	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.197	0.038	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-03 Date Collected: 06/24/24 08:00

Client ID: BLIND DUP Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.788	0.193	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.788	0.165	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.197	0.099	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.197	0.110	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.97	0.246	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.97	0.503	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.394	0.040	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.394	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.394	0.082	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.394	0.094	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.985	0.142	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.92	0.497	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.92	1.73	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-03 Date Collected: 06/24/24 08:00

Client ID: BLIND DUP Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	77		46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	78		48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86		48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	102		23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78		48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	68		35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80		50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	104		48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83		19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81		48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	80		51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75		47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69		10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	73		10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	69		38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	67		22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	65		10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	56		33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	31		15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	68		45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	54		10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	53		10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	54		10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	57		13-116

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-05
Client ID: B-27 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 13:50
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/26/24 00:53
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 03:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-05 Date Collected: 06/24/24 13:50

Client ID: B-27 3.5 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-05 Date Collected: 06/24/24 13:50

Client ID: B-27 3.5 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	104		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-06
Client ID: B-28 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 14:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/26/24 00:34
Analyst: SZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 03:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-06 Date Collected: 06/24/24 14:00

Client ID: B-28 3.5 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-06 Date Collected: 06/24/24 14:00

Client ID: B-28 3.5 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	103		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-07
Client ID: WW-2 3-5
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 13:20
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/26/24 04:18
Analyst: SZ
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 03:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	71	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	36	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-07 Date Collected: 06/24/24 13:20

Client ID: WW-2 3-5 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	34	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	29	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	41	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	56	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-07 Date Collected: 06/24/24 13:20

Client ID: WW-2 3-5 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	109		10-136
4-Terphenyl-d14	103		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-07
Client ID: WW-2 3-5
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 13:20
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 06/27/24 19:14
Analyst: AC
Percent Solids: 82%

Extraction Method: EPA 1633
Extraction Date: 06/26/24 16:30
Cleanup Method: EPA 1633
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.794	0.050	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.397	0.056	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.043	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.794	0.080	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.046	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.023	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.198	0.023	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.059	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.198	0.052	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.794	0.278	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.037	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.198	0.078	1
Perfluorooctanesulfonic Acid (PFOS)	0.202		ng/g	0.198	0.079	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.075	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.794	0.384	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.198	0.042	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.099	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.051	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.032	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.043	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.041	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.052	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.106	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.794	0.098	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.794	0.145	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.038	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-07 Date Collected: 06/24/24 13:20

Client ID: WW-2 3-5 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.794	0.194	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.794	0.166	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.099	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.111	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.98	0.248	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.507	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.397	0.041	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.397	0.031	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.397	0.083	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.397	0.095	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.993	0.143	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.96	0.501	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.96	1.75	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-07 Date Collected: 06/24/24 13:20

Client ID: WW-2 3-5 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	73		46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	72		48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	85		48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	117		23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	77		48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	66		35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	77		50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	103		48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85		19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81		51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	70		47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	76		10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**200**	Q	10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	68		38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73		22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	85		10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	65		33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	42		15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	60		45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	61		10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	63		10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	68		10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	70		13-116

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/25/24 13:25
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/25/24 01:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,05-07 Batch: WG1938806-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/25/24 13:25
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/25/24 01:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,05-07 Batch: WG1938806-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/25/24 13:25
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/25/24 01:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,05-07 Batch: WG1938806-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	103		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	96		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/27/24 16:52
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/26/24 16:30
Cleanup Method: EPA 1633
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-02,07 Batch: WG1939737-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/27/24 16:52
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/26/24 16:30
Cleanup Method: EPA 1633
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-02,07 Batch: WG1939737-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/27/24 16:52
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/26/24 16:30
Cleanup Method: EPA 1633
Cleanup Date: 06/27/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-02,07 Batch: WG1939737-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	73		46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	73		48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	79		48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	130		23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	78		48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	66		35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	75		50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	97		48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88		19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	77		48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78		51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	72		47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	88		10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**164**	Q	10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	65		38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69		22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	76		10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	59		33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	33		15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	60		45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	52		10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	52		10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	50		10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	54		13-116

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/28/24 16:32
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/27/24 17:00
Cleanup Method: EPA 1633
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1940415-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.050
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.056
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.043
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.081
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.046
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.023
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.023
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.059
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.052
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.280
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.037
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.078
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.079
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.075
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.387
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.042
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.100
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.051
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.043
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.082
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.041
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.053
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.106
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.098
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.146
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.038

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/28/24 16:32
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/27/24 17:00
Cleanup Method: EPA 1633
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1940415-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.196
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.167
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.100
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.112
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.510
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.041
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.031
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.083
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.095
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.144
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	0.505
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.76

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 06/28/24 16:32
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/27/24 17:00
Cleanup Method: EPA 1633
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03 Batch: WG1940415-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76		46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	77		48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82		48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	101		23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79		48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	65		35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	103		48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	81		19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	80		48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	79		51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77		47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69		10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**194**	Q	10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	69		38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	74		22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	71		10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61		33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	32		15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	67		45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	65		10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	64		10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	60		10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66		13-116

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05-07 Batch: WG1938806-2 WG1938806-3								
Acenaphthene	76		84		31-137	10		50
Hexachlorobenzene	84		96		40-140	13		50
Bis(2-chloroethyl)ether	58		71		40-140	20		50
2-Chloronaphthalene	83		92		40-140	10		50
3,3'-Dichlorobenzidine	76		74		40-140	3		50
2,4-Dinitrotoluene	91		100		40-132	9		50
2,6-Dinitrotoluene	95		98		40-140	3		50
Fluoranthene	81		92		40-140	13		50
4-Chlorophenyl phenyl ether	91		106		40-140	15		50
4-Bromophenyl phenyl ether	89		103		40-140	15		50
Bis(2-chloroisopropyl)ether	52		58		40-140	11		50
Bis(2-chloroethoxy)methane	62		74		40-117	18		50
Hexachlorobutadiene	82		100		40-140	20		50
Hexachlorocyclopentadiene	57		65		40-140	13		50
Hexachloroethane	64		74		40-140	14		50
Isophorone	64		70		40-140	9		50
Naphthalene	73		79		40-140	8		50
Nitrobenzene	68		80		40-140	16		50
NDPA/DPA	84		96		36-157	13		50
n-Nitrosodi-n-propylamine	65		72		32-121	10		50
Bis(2-ethylhexyl)phthalate	72		73		40-140	1		50
Butyl benzyl phthalate	72		80		40-140	11		50
Di-n-butylphthalate	73		78		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05-07 Batch: WG1938806-2 WG1938806-3								
Di-n-octylphthalate	68		72		40-140	6		50
Diethyl phthalate	78		91		40-140	15		50
Dimethyl phthalate	90		88		40-140	2		50
Benzo(a)anthracene	81		86		40-140	6		50
Benzo(a)pyrene	80		84		40-140	5		50
Benzo(b)fluoranthene	77		81		40-140	5		50
Benzo(k)fluoranthene	86		82		40-140	5		50
Chrysene	78		87		40-140	11		50
Acenaphthylene	85		87		40-140	2		50
Anthracene	82		86		40-140	5		50
Benzo(ghi)perylene	76		80		40-140	5		50
Fluorene	80		95		40-140	17		50
Phenanthrene	77		82		40-140	6		50
Dibenzo(a,h)anthracene	80		81		40-140	1		50
Indeno(1,2,3-cd)pyrene	79		80		40-140	1		50
Pyrene	84		92		35-142	9		50
Biphenyl	75		83		37-127	10		50
4-Chloroaniline	67		80		40-140	18		50
2-Nitroaniline	89		96		47-134	8		50
3-Nitroaniline	72		72		26-129	0		50
4-Nitroaniline	76		87		41-125	13		50
Dibenzofuran	80		89		40-140	11		50
2-Methylnaphthalene	75		84		40-140	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05-07 Batch: WG1938806-2 WG1938806-3								
1,2,4,5-Tetrachlorobenzene	79		90		40-117	13		50
Acetophenone	60		68		14-144	13		50
2,4,6-Trichlorophenol	89		108		30-130	19		50
p-Chloro-m-cresol	80		92		26-103	14		50
2-Chlorophenol	70		82		25-102	16		50
2,4-Dichlorophenol	79		89		30-130	12		50
2,4-Dimethylphenol	66		79		30-130	18		50
2-Nitrophenol	76		90		30-130	17		50
4-Nitrophenol	87		100		11-114	14		50
2,4-Dinitrophenol	92		94		4-130	2		50
4,6-Dinitro-o-cresol	103		117		10-130	13		50
Pentachlorophenol	78		86		17-109	10		50
Phenol	69		82		26-90	17		50
2-Methylphenol	71		75		30-130.	5		50
3-Methylphenol/4-Methylphenol	76		82		30-130	8		50
2,4,5-Trichlorophenol	96		109		30-130	13		50
Carbazole	73		81		54-128	10		50
Atrazine	82		96		40-140	16		50
Benzaldehyde	54		65		40-140	18		50
Caprolactam	67		80		15-130	18		50
2,3,4,6-Tetrachlorophenol	97		102		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05-07 Batch: WG1938806-2 WG1938806-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	66		72		25-120
Phenol-d6	65		74		10-120
Nitrobenzene-d5	70		77		23-120
2-Fluorobiphenyl	86		92		30-120
2,4,6-Tribromophenol	80		90		10-136
4-Terphenyl-d14	85		91		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,07 Batch: WG1939737-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	104		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	106		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	107		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	108		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	112		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	108		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	116		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	103		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	104		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	110		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	107		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	114		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	108		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	118		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	102		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	113		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	78		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	110		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	99		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	100		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	92		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	115		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,07 Batch: WG1939737-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	139		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	122		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	105		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	119		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	68		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	109		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	99		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	114		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	111		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	110		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	108		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	106		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	106		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	107		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	97		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	90		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	116		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	147		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/30/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,07 Batch: WG1939737-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	89				46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	88				48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96				48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	130				23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	88				48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	80				35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90				50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	**117**	Q			48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	98				19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85				48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	87				51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81				47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	101				10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**197**	Q			10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	74				38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	82				22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	89				10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66				33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	39				15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	74				45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	65				10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	64				10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	60				10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	64				13-116

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,07 Batch: WG1939737-3								
Perfluorobutanoic Acid (PFBA)	105		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	114		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	111		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	103		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	116		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	112		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	122		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	104		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	91		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	114		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	110		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	105		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	106		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	114		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	104		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	118		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	91		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	120		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	109		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	107		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	107		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	118		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,07 Batch: WG1939737-3

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorotridecanoic Acid (PFTrDA)	149		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	128		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	101		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	112		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	78		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	99		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	101		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	105		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	109		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	110		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	117		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	112		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	112		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	114		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	111		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	100		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	131		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	**161**	Q	-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,07 Batch: WG1939737-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	80				46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	77				48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84				48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	116				23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	77				48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	70				35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81				50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	105				48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	90				19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82				48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83				51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75				47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	85				10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**189**	Q			10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	68				38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	75				22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	81				10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64				33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	43				15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	73				45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	62				10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	61				10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	59				10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	61				13-116

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1940415-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	108		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	109		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	102		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	104		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	112		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	111		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	119		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	108		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	98		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	114		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	98		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	110		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	104		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	119		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	105		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	115		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	98		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	112		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	95		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	72		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	109		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	115		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1940415-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	126		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	128		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	101		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	116		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	64		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	115		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	99		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	105		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	114		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	112		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	109		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	106		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	108		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	107		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	103		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	97		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	115		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	74		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1940415-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81				46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	78				48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87				48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	100				23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	81				48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	70				35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81				50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	106				48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85				19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	77				48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	83				51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75				47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	71				10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	81				10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70				38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	77				22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	67				10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62				33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	32				15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	69				45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	69				10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	64				10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	61				10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	69				13-116

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1940415-3								
Perfluorobutanoic Acid (PFBA)	95		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	101		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	99		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	92		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	96		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	102		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	108		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	92		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	80		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	97		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	100		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	92		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	103		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	98		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	93		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	104		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	76		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	95		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	94		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	95		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	96		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	102		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1940415-3								
Perfluorotridecanoic Acid (PFTrDA)	118		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	113		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	96		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	104		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	60		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	101		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	95		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	95		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	97		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	96		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	104		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	97		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	102		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	101		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	84		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	85		-		40-150	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	106		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	**184**	Q	-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 Batch: WG1940415-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81				46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	80				48-107
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86				48-111
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	106				23-136
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82				48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	71				35-125
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82				50-104
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	109				48-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88				19-133
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85				48-106
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81				51-104
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	79				47-109
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	74				10-175
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**226**	Q			10-154
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	72				38-119
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	78				22-109
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78				10-163
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62				33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	32				15-109
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	72				45-108
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	68				10-97
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	66				10-102
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	67				10-132
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	69				13-116

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05-07 QC Batch ID: WG1938806-4 WG1938806-5 QC Sample: L2435606-02 Client ID: B-18 7												
Acenaphthene	ND	1510	1200	79		1200	79		31-137	0		50
Hexachlorobenzene	ND	1510	1400	93		1400	93		40-140	0		50
Bis(2-chloroethyl)ether	ND	1510	1100	73		1100	73		40-140	0		50
2-Chloronaphthalene	ND	1510	1400	93		1300	86		40-140	7		50
3,3'-Dichlorobenzidine	ND	1510	1200	79		1300	86		40-140	8		50
2,4-Dinitrotoluene	ND	1510	1400	93		1400	93		40-132	0		50
2,6-Dinitrotoluene	ND	1510	1500	99		1500	99		40-140	0		50
Fluoranthene	66J	1510	1300	86		1400	93		40-140	7		50
4-Chlorophenyl phenyl ether	ND	1510	1400	93		1400	93		40-140	0		50
4-Bromophenyl phenyl ether	ND	1510	1500	99		1500	99		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1510	1200	79		1200	79		40-140	0		50
Bis(2-chloroethoxy)methane	ND	1510	1200	79		1200	79		40-117	0		50
Hexachlorobutadiene	ND	1510	1600	110		1700	110		40-140	6		50
Hexachlorocyclopentadiene	ND	1510	1600	110		1500	99		40-140	6		50
Hexachloroethane	ND	1510	1200	79		1200	79		40-140	0		50
Isophorone	ND	1510	1200	79		1100	73		40-140	9		50
Naphthalene	ND	1510	1300	86		1200	79		40-140	8		50
Nitrobenzene	ND	1510	1200	79		1200	79		40-140	0		50
NDPA/DPA	ND	1510	1300	86		1300	86		36-157	0		50
n-Nitrosodi-n-propylamine	ND	1510	1200	79		1200	79		32-121	0		50
Bis(2-ethylhexyl)phthalate	ND	1510	1200	79		1200	79		40-140	0		50
Butyl benzyl phthalate	ND	1510	1400	93		1400	93		40-140	0		50
Di-n-butylphthalate	ND	1510	1300	86		1300	86		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05-07 QC Batch ID: WG1938806-4 WG1938806-5 QC Sample: L2435606-02 Client ID: B-18 7												
Di-n-octylphthalate	ND	1510	1300	86		1300	86		40-140	0		50
Diethyl phthalate	ND	1510	1300	86		1300	86		40-140	0		50
Dimethyl phthalate	ND	1510	1500	99		1400	93		40-140	7		50
Benzo(a)anthracene	28J	1510	1300	86		1200	79		40-140	8		50
Benzo(a)pyrene	ND	1510	1300	86		1400	93		40-140	7		50
Benzo(b)fluoranthene	36J	1510	1300	86		1400	93		40-140	7		50
Benzo(k)fluoranthene	ND	1510	1300	86		1300	86		40-140	0		50
Chrysene	29J	1510	1200	79		1200	79		40-140	0		50
Acenaphthylene	ND	1510	1400	93		1300	86		40-140	7		50
Anthracene	ND	1510	1300	86		1300	86		40-140	0		50
Benzo(ghi)perylene	ND	1510	1200	79		1200	79		40-140	0		50
Fluorene	ND	1510	1300	86		1200	79		40-140	8		50
Phenanthrene	29J	1510	1200	79		1200	79		40-140	0		50
Dibenzo(a,h)anthracene	ND	1510	1200	79		1200	79		40-140	0		50
Indeno(1,2,3-cd)pyrene	ND	1510	1200	79		1200	79		40-140	0		50
Pyrene	53J	1510	1300	86		1400	93		35-142	7		50
Biphenyl	ND	1510	1300	86		1300	86		37-127	0		50
4-Chloroaniline	ND	1510	870	58		920	61		40-140	6		50
2-Nitroaniline	ND	1510	1500	99		1400	93		47-134	7		50
3-Nitroaniline	ND	1510	1100	73		1100	73		26-129	0		50
4-Nitroaniline	ND	1510	1300	86		1300	86		41-125	0		50
Dibenzofuran	ND	1510	1300	86		1200	79		40-140	8		50
2-Methylnaphthalene	ND	1510	1300	86		1300	86		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05-07 QC Batch ID: WG1938806-4 WG1938806-5 QC Sample: L2435606-02 Client ID: B-18 7												
1,2,4,5-Tetrachlorobenzene	ND	1510	1500	99		1500	99		40-117	0		50
Acetophenone	ND	1510	1200	79		1200	79		14-144	0		50
2,4,6-Trichlorophenol	ND	1510	1600	110		1600	110		30-130	0		50
p-Chloro-m-cresol	ND	1510	1400	93		1400	93		26-103	0		50
2-Chlorophenol	ND	1510	1300	86		1200	79		25-102	8		50
2,4-Dichlorophenol	ND	1510	1300	86		1300	86		30-130	0		50
2,4-Dimethylphenol	ND	1510	1200	79		1200	79		30-130	0		50
2-Nitrophenol	ND	1510	1300	86		1300	86		30-130	0		50
4-Nitrophenol	ND	1510	1200	79		1200	79		11-114	0		50
2,4-Dinitrophenol	ND	1510	220J	15		200J	13		4-130	10		50
4,6-Dinitro-o-cresol	ND	1510	1100	73		1000	66		10-130	10		50
Pentachlorophenol	ND	1510	1300	86		1300	86		17-109	0		50
Phenol	ND	1510	1300	86		1300	86		26-90	0		50
2-Methylphenol	ND	1510	1200	79		1200	79		30-130.	0		50
3-Methylphenol/4-Methylphenol	ND	1510	1200	79		1200	79		30-130	0		50
2,4,5-Trichlorophenol	ND	1510	1600	110		1600	110		30-130	0		50
Carbazole	ND	1510	1300	86		1300	86		54-128	0		50
Atrazine	ND	1510	1500	99		1400	93		40-140	7		50
Benzaldehyde	ND	1510	1100	73		1000	66		40-140	10		50
Caprolactam	ND	1510	1200	79		1200	79		15-130	0		50
2,3,4,6-Tetrachlorophenol	ND	1510	1600	110		1500	99		40-140	6		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05-07 QC Batch ID: WG1938806-4 WG1938806-5 QC Sample: L2435606-02 Client ID: B-18 7												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	99		104		10-136
2-Fluorobiphenyl	90		93		30-120
2-Fluorophenol	92		91		25-120
4-Terphenyl-d14	91		95		18-120
Nitrobenzene-d5	77		77		23-120
Phenol-d6	86		86		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,07 QC Batch ID: WG1939737-4 WG1939737-5 QC Sample: L2435606-02 Client ID: B-18 7												
Perfluorobutanoic Acid (PFBA)	ND	7.99	8.10	101		8.36	105		40-150	3		30
Perfluoropentanoic Acid (PFPeA)	ND	3.99	4.29	107		4.28	107		40-150	0		30
Perfluorobutanesulfonic Acid (PFBS)	ND	1.77	1.98	112		1.68	95		40-150	16		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	7.49	7.84	105		8.07	108		40-150	3		30
Perfluorohexanoic Acid (PFHxA)	ND	2	2.12	106		2.15	108		40-150	1		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.88	2.03	108		2.10	112		40-150	3		30
Perfluoroheptanoic Acid (PFHpA)	ND	2	2.32	116		2.42	121		40-150	4		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.82	1.85	101		1.89	104		40-150	2		30
Perfluorooctanoic Acid (PFOA)	ND	2	1.78	89		1.82	91		40-150	2		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	7.59	8.57	113		9.05	119		40-150	5		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.9	1.81	95		1.92	101		40-150	6		30
Perfluorononanoic Acid (PFNA)	ND	2	2.10	105		2.16	108		40-150	3		30
Perfluorooctanesulfonic Acid (PFOS)	ND	1.85	1.80	97		1.96	106		40-150	9		30
Perfluorodecanoic Acid (PFDA)	ND	2	2.15	108		2.29	115		40-150	6		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	7.67	8.15	106		8.82	115		40-150	8		30
Perfluorononanesulfonic Acid (PFNS)	ND	1.92	2.05	107		2.13	111		40-150	4		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	2	1.59	80		1.67	84		40-150	5		30
Perfluoroundecanoic Acid (PFUnA)	ND	2	2.41	121		2.20	110		40-150	9		30
Perfluorodecanesulfonic Acid (PFDS)	ND	1.93	1.97	102		2.11	110		40-150	7		30
Perfluorooctanesulfonamide (PFOSA)	ND	2	1.94	97		2.04	102		40-150	5		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2	1.97	99		2.16	108		40-150	9		30
Perfluorododecanoic Acid (PFDoA)	ND	2	2.22	111		2.22	111		40-150	0		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,07 QC Batch ID: WG1939737-4 WG1939737-5 QC Sample: L2435606-02 Client ID: B-18 7												
Perfluorotridecanoic Acid (PFTrDA)	ND	2	2.84	142		2.82	141		40-150	1		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	2	2.56	128		2.40	120		40-150	6		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	7.99	8.43	106		8.40	105		40-150	0		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	7.55	9.11	121		9.05	120		40-150	1		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	1.94	1.40	72		1.44	74		40-150	3		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	7.47	8.41	113		8.40	112		40-150	0		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	7.55	8.91	118		8.81	117		40-150	1		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	2	2.20	110		2.12	106		40-150	4		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	2	2.08	104		2.19	110		40-150	5		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	20	21.7	109		22.6	113		40-150	4		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	20	21.7	109		22.4	112		40-150	3		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.99	4.32	108		4.31	108		40-150	0		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.99	3.91	98		4.48	112		40-150	14		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	3.55	3.47	98		3.62	102		40-150	4		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.99	3.87	97		4.36	109		40-150	12		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	9.98	8.75	88		8.66	87		40-150	1		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	49.9	50.6	101		52.0	104		40-150	3		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	49.9	86.4	**173**	Q	81.6	**163**	Q	40-150	6		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,07 QC Batch ID: WG1939737-4 WG1939737-5 QC Sample: L2435606-02 Client ID: B-18 7

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	80		78		10-175
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	100		101		23-136
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	80		77		19-133
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	61		59		10-102
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	85		84		10-163
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	62		63		13-116
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	55		61		10-97
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	**207**	Q	**194**	Q	10-154
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	58		57		10-132
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	73		71		50-104
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	72		70		22-109
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	77		76		51-104
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	70		75		48-111
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	64		68		38-119
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	68		69		47-109
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	72		74		48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	62		62		35-125
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	62		65		33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	39		43		15-109
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	71		69		46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	68		70		48-107
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	96		92		48-109
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	72		77		48-106

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-02,07 QC Batch ID: WG1939737-4 WG1939737-5 QC Sample: L2435606-02 Client ID: B-18 7												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	59		62		45-108

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1940415-4 WG1940415-5 QC Sample: L2435606-03 Client ID: BLIND DUP												
Perfluorobutanoic Acid (PFBA)	ND	7.47	6.97	93		6.92	87		40-150	1		30
Perfluoropentanoic Acid (PFPeA)	ND	3.74	3.78	101		3.63	91		40-150	4		30
Perfluorobutanesulfonic Acid (PFBS)	ND	1.66	1.65	100		1.79	101		40-150	8		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	7	6.33	90		6.48	87		40-150	2		30
Perfluorohexanoic Acid (PFHxA)	ND	1.87	1.80	96		1.60	80		40-150	12		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	1.76	1.77	101		1.75	94		40-150	1		30
Perfluoroheptanoic Acid (PFHpA)	ND	1.87	2.02	108		2.02	102		40-150	0		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	1.71	1.57	92		1.54	85		40-150	2		30
Perfluorooctanoic Acid (PFOA)	ND	1.87	1.58	85		1.41	71		40-150	11		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	7.1	7.04	99		6.64	88		40-150	6		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.78	1.69	95		1.58	83		40-150	7		30
Perfluorononanoic Acid (PFNA)	ND	1.87	1.63	87		1.69	85		40-150	4		30
Perfluorooctanesulfonic Acid (PFOS)	ND	1.73	1.61	93		1.59	86		40-150	1		30
Perfluorodecanoic Acid (PFDA)	ND	1.87	1.91	102		1.91	96		40-150	0		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	7.17	7.12	99		7.11	93		40-150	0		30
Perfluorononanesulfonic Acid (PFNS)	ND	1.8	1.87	104		1.74	91		40-150	7		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.87	1.71	92		1.37	69		40-150	22		30
Perfluoroundecanoic Acid (PFUnA)	ND	1.87	1.85	99		1.84	93		40-150	1		30
Perfluorodecanesulfonic Acid (PFDS)	ND	1.8	1.64	91		1.58	82		40-150	4		30
Perfluorooctanesulfonamide (PFOSA)	ND	1.87	1.78	95		1.69	85		40-150	5		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.87	2.02	108		1.83	92		40-150	10		30
Perfluorododecanoic Acid (PFDoA)	ND	1.87	1.93	103		1.81	91		40-150	6		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1940415-4 WG1940415-5 QC Sample: L2435606-03 Client ID: BLIND DUP												
Perfluorotridecanoic Acid (PFTrDA)	ND	1.87	2.17	116		2.10	106		40-150	3		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	1.87	2.17	116		1.97	99		40-150	10		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	7.47	7.34	98		7.29	92		40-150	1		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	7.06	7.31	104		7.43	99		40-150	2		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	1.81	1.02	56		0.977	51		40-150	4		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	6.98	7.01	100		7.09	95		40-150	1		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	7.06	6.59	93		7.10	94		40-150	7		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.87	1.90	102		1.68	84		40-150	12		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.87	1.91	102		1.86	94		40-150	3		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	18.7	19.2	103		17.9	90		40-150	7		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	18.7	19.2	103		18.2	92		40-150	5		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.74	3.53	95		3.54	89		40-150	0		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.74	3.78	101		3.72	94		40-150	2		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	3.32	3.26	98		2.88	81		40-150	12		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.74	3.50	94		3.13	79		40-150	11		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	9.34	7.87	84		7.39	74		40-150	6		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	46.7	45.5	97		40.9	82		40-150	11		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	46.7	31.5	68		67.3	135		40-150	**72**	Q	30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1940415-4 WG1940415-5 QC Sample: L2435606-03 Client ID: BLIND DUP												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	73		72		10-175
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	103		98		23-136
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	89		87		19-133
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	68		63		10-102
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	70		71		10-163
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	75		71		13-116
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	69		68		10-97
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	83		**201**	Q	10-154
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	68		66		10-132
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83		81		50-104
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	83		78		22-109
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88		86		51-104
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88		74		48-111
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71		68		38-119
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	78		69		47-109
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84		90		48-106
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	71		68		35-125
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61		60		33-111
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	31		31		15-109
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83		78		46-106
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		79		48-107
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	105		107		48-109
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	91		82		48-106

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1940415-4 WG1940415-5 QC Sample: L2435606-03 Client ID: BLIND DUP												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	73		71		45-108

METALS

Project Name: 1681-1689 MAIN STREET
Lab Number: L2435606
Project Number: 4461.0001B002
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-01
Client ID: B-17 7
Sample Location: BUFFALO, NY
Date Collected: 06/24/24 13:30
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.09		mg/kg	0.892	0.186	2	06/25/24 20:00	06/26/24 08:41	EPA 3050B	1,6010D	DHL
Barium, Total	43.9		mg/kg	0.892	0.155	2	06/25/24 20:00	06/26/24 08:41	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.173	J	mg/kg	0.892	0.087	2	06/25/24 20:00	06/26/24 08:41	EPA 3050B	1,6010D	DHL
Chromium, Total	6.53		mg/kg	0.892	0.086	2	06/25/24 20:00	06/26/24 08:41	EPA 3050B	1,6010D	DHL
Lead, Total	10.6		mg/kg	4.46	0.239	2	06/25/24 20:00	06/26/24 08:41	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/25/24 20:15	06/26/24 01:13	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.78	0.230	2	06/25/24 20:00	06/26/24 08:41	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.446	0.252	2	06/25/24 20:00	06/26/24 08:41	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-02
Client ID: B-18 7
Sample Location: BUFFALO, NY
Date Collected: 06/24/24 13:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.14		mg/kg	0.906	0.188	2	06/25/24 20:00	06/26/24 08:11	EPA 3050B	1,6010D	DHL
Barium, Total	67.9		mg/kg	0.906	0.158	2	06/25/24 20:00	06/26/24 08:11	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.176	J	mg/kg	0.906	0.089	2	06/25/24 20:00	06/26/24 08:11	EPA 3050B	1,6010D	DHL
Chromium, Total	9.92		mg/kg	0.906	0.087	2	06/25/24 20:00	06/26/24 08:11	EPA 3050B	1,6010D	DHL
Lead, Total	13.5		mg/kg	4.53	0.243	2	06/25/24 20:00	06/26/24 08:11	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.085	0.055	1	06/25/24 20:15	06/26/24 00:27	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.81	0.234	2	06/25/24 20:00	06/26/24 08:11	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.453	0.256	2	06/25/24 20:00	06/26/24 08:11	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-05
Client ID: B-27 3.5
Sample Location: BUFFALO, NY
Date Collected: 06/24/24 13:50
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.28		mg/kg	0.901	0.187	2	06/25/24 20:00	06/26/24 08:44	EPA 3050B	1,6010D	DHL
Barium, Total	63.6		mg/kg	0.901	0.157	2	06/25/24 20:00	06/26/24 08:44	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.143	J	mg/kg	0.901	0.088	2	06/25/24 20:00	06/26/24 08:44	EPA 3050B	1,6010D	DHL
Chromium, Total	12.2		mg/kg	0.901	0.087	2	06/25/24 20:00	06/26/24 08:44	EPA 3050B	1,6010D	DHL
Lead, Total	14.2		mg/kg	4.50	0.241	2	06/25/24 20:00	06/26/24 08:44	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.077	0.050	1	06/25/24 20:15	06/26/24 01:16	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.80	0.232	2	06/25/24 20:00	06/26/24 08:44	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.450	0.255	2	06/25/24 20:00	06/26/24 08:44	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-06
Client ID: B-28 3.5
Sample Location: BUFFALO, NY
Date Collected: 06/24/24 14:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.60		mg/kg	0.923	0.192	2	06/25/24 20:00	06/26/24 08:48	EPA 3050B	1,6010D	DHL
Barium, Total	80.2		mg/kg	0.923	0.160	2	06/25/24 20:00	06/26/24 08:48	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.134	J	mg/kg	0.923	0.090	2	06/25/24 20:00	06/26/24 08:48	EPA 3050B	1,6010D	DHL
Chromium, Total	12.9		mg/kg	0.923	0.089	2	06/25/24 20:00	06/26/24 08:48	EPA 3050B	1,6010D	DHL
Lead, Total	13.3		mg/kg	4.61	0.247	2	06/25/24 20:00	06/26/24 08:48	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.089	0.058	1	06/25/24 20:15	06/26/24 01:20	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.84	0.238	2	06/25/24 20:00	06/26/24 08:48	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.461	0.261	2	06/25/24 20:00	06/26/24 08:48	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Lab Number: L2435606
Project Number: 4461.0001B002
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-07
Client ID: WW-2 3-5
Sample Location: BUFFALO, NY
Date Collected: 06/24/24 13:20
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.34		mg/kg	0.967	0.201	2	06/25/24 20:00	06/26/24 08:51	EPA 3050B	1,6010D	DHL
Barium, Total	101		mg/kg	0.967	0.168	2	06/25/24 20:00	06/26/24 08:51	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.184	J	mg/kg	0.967	0.095	2	06/25/24 20:00	06/26/24 08:51	EPA 3050B	1,6010D	DHL
Chromium, Total	15.0		mg/kg	0.967	0.093	2	06/25/24 20:00	06/26/24 08:51	EPA 3050B	1,6010D	DHL
Lead, Total	45.1		mg/kg	4.84	0.259	2	06/25/24 20:00	06/26/24 08:51	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.099	0.064	1	06/25/24 20:15	06/26/24 01:23	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.93	0.250	2	06/25/24 20:00	06/26/24 08:51	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.484	0.274	2	06/25/24 20:00	06/26/24 08:51	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/30/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-07 Batch: WG1938913-1										
Arsenic, Total	0.087	J	mg/kg	0.400	0.083	1	06/25/24 20:00	06/26/24 07:53	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/25/24 20:00	06/26/24 07:53	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/25/24 20:00	06/26/24 07:53	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/25/24 20:00	06/26/24 07:53	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/25/24 20:00	06/26/24 07:53	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/25/24 20:00	06/26/24 07:53	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/25/24 20:00	06/26/24 07:53	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-07 Batch: WG1938918-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/25/24 20:15	06/26/24 00:20	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-07 Batch: WG1938913-2								
Arsenic, Total	104		-		80-120	-		
Barium, Total	106		-		80-120	-		
Cadmium, Total	104		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Lead, Total	104		-		80-120	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	105		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-07 Batch: WG1938918-2								
Mercury, Total	96		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-07 QC Batch ID: WG1938913-3 WG1938913-4 QC Sample: L2435606-02 Client ID: B-18 7												
Arsenic, Total	3.14	10.9	14.3	102		13.5	96		75-125	6		20
Barium, Total	67.9	182	250	100		223	86		75-125	11		20
Cadmium, Total	0.176J	4.83	4.03	83		4.09	86		75-125	1		20
Chromium, Total	9.92	18.2	25.4	85		25.0	84		75-125	2		20
Lead, Total	13.5	48.3	54.5	85		54.8	87		75-125	1		20
Selenium, Total	ND	10.9	9.78	89		9.58	89		75-125	2		20
Silver, Total	ND	4.56	4.24	93		4.15	92		75-125	2		20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-07 QC Batch ID: WG1938918-3 WG1938918-4 QC Sample: L2435606-02 Client ID: B-18 7												
Mercury, Total	ND	1.81	1.79	99		1.78	97		80-120	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2435606
Report Date: 06/30/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-07 QC Batch ID: WG1938913-6 QC Sample: L2435606-02 Client ID: B-18 7						
Barium, Total	67.9	68.7	mg/kg	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-01
Client ID: B-17 7
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 13:30
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	06/25/24 09:48	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-02
Client ID: B-18 7
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 13:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	06/25/24 09:48	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-03
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 08:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Mansfield Lab										
Solids, Total	86.5		%	0.100	0.100	1	-	06/25/24 18:16	121,2540G	MEB

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-05
Client ID: B-27 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 13:50
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	06/25/24 10:16	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-06
Client ID: B-28 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 14:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	06/25/24 10:16	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/30/24

SAMPLE RESULTS

Lab ID: L2435606-07
Client ID: WW-2 3-5
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 13:20
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.3		%	0.100	NA	1	-	06/25/24 10:16	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1938945-1 QC Sample: L2434554-02 Client ID: DUP Sample						
Solids, Total	83.5	82.5	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 05-07 QC Batch ID: WG1938947-1 QC Sample: L2434863-04 Client ID: DUP Sample						
Solids, Total	37.8	36.9	%	2		20
General Chemistry - Mansfield Lab Associated sample(s): 03 QC Batch ID: WG1939276-1 QC Sample: L2433469-01 Client ID: DUP Sample						
Solids, Total	81.0	80.6	%	0		10

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/30/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435606-01A	Plastic 8oz unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(90)
L2435606-01B	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),TS(7)
L2435606-01X	Glass 60ml unpreserved split	A	NA		4.1	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2435606-02A	Plastic 8oz unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(90)
L2435606-02A1	Plastic 8oz unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(90)
L2435606-02A2	Plastic 8oz unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(90)
L2435606-02B	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),TS(7)
L2435606-02X	Glass 60ml unpreserved split	A	NA		4.1	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2435606-03A	Plastic 8oz unpreserved	A	NA		4.1	Y	Absent		A2-TS(7),A2-1633-DRAFT(90)
L2435606-05A	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),TS(7)
L2435606-05X	Glass 60ml unpreserved split	A	NA		4.1	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2435606-06A	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),TS(7)
L2435606-06X	Glass 60ml unpreserved split	A	NA		4.1	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2435606-07A	Plastic 8oz unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(90)
L2435606-07B	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),TS(7)
L2435606-07X	Glass 60ml unpreserved split	A	NA		4.1	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/30/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/30/24

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2435606
Project Number:	4461.0001B002	**Report Date:**	06/30/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2435606
Project Number:	4461.0001B002	**Report Date:**	06/30/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2435606
Project Number:	4461.0001B002	**Report Date:**	06/30/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2435606
Project Number:	4461.0001B002	**Report Date:**	06/30/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 6/25/24

ALPHA Job #: L2435606

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmuniey@rouxinc.com

Project Information

Project Name: 1681 - 1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☒ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT B, PFAs on fastest turn as possible

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	PFAS 42-1633	Total Bottle	Sample Specific Comments
35606-01	B-17 7	6-24-24	1330	Soil	CEH	X	X	X		
-02	B-18 7		1340			X	X	X		
-03	Blind Dup		0800			~~X~~	~~X~~	X		
-02	B-18 7 MS		1340					X		
↓	B-18 7 MSD		1340					X		
~~-05~~ -04	B-27 3.5		1350			X	X			
~~-06~~ -05	B-28 3.5	↓	1400	↓	↓	X	X			
-07	WW-2 3-5	6-24-24	1320	Soil	CEH	X	X	X		

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Chris Horbrait	6-24-24/1610		6/24/24 @ 16:10
PACE	6-24-24 @ 16:10		6/25/24 0050

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

JOB: L2435606 REPORT STYLE: Data Usability Report
0010: Alpha Analytical Report Cover Page - OK
0015: Sample Cross Reference Summary - OK
0060: Case Narrative - OK
0180: Semivolatiles Cover Page - OK
0190: Semivolatiles Sample Results - OK
0200: Semivolatiles Method Blank Report - OK
0210: Semivolatiles LCS Report - OK
0230: Semivolatiles Matrix Spike Report - OK
1005: Metals Sample Results - OK
1010: Metals Method Blank Report - OK
1020: Metals LCS Report - OK
1040: Metals Matrix Spike Report - OK
1060: Metals Serial Dilution Report - OK
1180: Inorganics Cover Page - OK
1200: Wet Chemistry Sample Results - OK
1250: Wet Chemistry Duplicate Report - OK
5100: Sample Receipt & Container Information Report - OK
5200: Glossary - OK
5400: References - OK

No results found for sample L2435606-01 for product A2-1633-DRAFT
No results found for sample L2435606-02 for product A2-1633-DRAFT
No results found for sample L2435606-03 for product A2-1633-DRAFT
No results found for sample L2435606-03 for product A2-TS
No results found for sample L2435606-07 for product A2-1633-DRAFT

ANALYTICAL REPORT

Lab Number:	L2435606
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	06/26/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/26/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2435606-01	B-17 7	SOIL	BUFFALO, NY	06/24/24 13:30	06/24/24
L2435606-02	B-18 7	SOIL	BUFFALO, NY	06/24/24 13:40	06/24/24
L2435606-03	BLIND DUP	SOIL	BUFFALO, NY	06/24/24 08:00	06/24/24
L2435606-05	B-27 3.5	SOIL	BUFFALO, NY	06/24/24 13:50	06/24/24
L2435606-06	B-28 3.5	SOIL	BUFFALO, NY	06/24/24 14:00	06/24/24
L2435606-07	WW-2 3-5	SOIL	BUFFALO, NY	06/24/24 13:20	06/24/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2435606
Project Number:	4461.0001B002	**Report Date:**	06/26/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2435606
Project Number:	4461.0001B002	**Report Date:**	06/26/24

Case Narrative (continued)

Report Submission

June 26, 2024: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2435606-01, -02, -05, -06, and -07: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 06/26/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-01
Client ID: B-17 7
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 13:30
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/26/24 01:11
Analyst: SZ
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 03:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-01 Date Collected: 06/24/24 13:30
Client ID: B-17 7 Date Received: 06/24/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-01 Date Collected: 06/24/24 13:30

Client ID: B-17 7 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	98		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-02
Client ID: B-18 7
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 13:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/26/24 02:45
Analyst: SZ
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 03:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	66	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	28	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-02 Date Collected: 06/24/24 13:40
Client ID: B-18 7 Date Received: 06/24/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	36	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	29	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	29	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	53	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-02 Date Collected: 06/24/24 13:40

Client ID: B-18 7 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	102		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-05
Client ID: B-27 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 13:50
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/26/24 00:53
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 03:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-05 Date Collected: 06/24/24 13:50

Client ID: B-27 3.5 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-05 Date Collected: 06/24/24 13:50

Client ID: B-27 3.5 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	104		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-06
Client ID: B-28 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 14:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/26/24 00:34
Analyst: SZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 03:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-06 Date Collected: 06/24/24 14:00

Client ID: B-28 3.5 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-06 Date Collected: 06/24/24 14:00

Client ID: B-28 3.5 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	103		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-07
Client ID: WW-2 3-5
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 13:20
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/26/24 04:18
Analyst: SZ
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/25/24 03:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	71	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	36	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-07 Date Collected: 06/24/24 13:20

Client ID: WW-2 3-5 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	34	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	29	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	41	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	56	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-07 Date Collected: 06/24/24 13:20

Client ID: WW-2 3-5 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	109		10-136
4-Terphenyl-d14	103		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/25/24 13:25
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/25/24 01:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,05-07 Batch: WG1938806-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/25/24 13:25
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/25/24 01:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,05-07 Batch: WG1938806-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/26/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/25/24 13:25
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/25/24 01:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,05-07 Batch: WG1938806-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	103		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	96		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05-07 Batch: WG1938806-2 WG1938806-3								
Acenaphthene	76		84		31-137	10		50
Hexachlorobenzene	84		96		40-140	13		50
Bis(2-chloroethyl)ether	58		71		40-140	20		50
2-Chloronaphthalene	83		92		40-140	10		50
3,3'-Dichlorobenzidine	76		74		40-140	3		50
2,4-Dinitrotoluene	91		100		40-132	9		50
2,6-Dinitrotoluene	95		98		40-140	3		50
Fluoranthene	81		92		40-140	13		50
4-Chlorophenyl phenyl ether	91		106		40-140	15		50
4-Bromophenyl phenyl ether	89		103		40-140	15		50
Bis(2-chloroisopropyl)ether	52		58		40-140	11		50
Bis(2-chloroethoxy)methane	62		74		40-117	18		50
Hexachlorobutadiene	82		100		40-140	20		50
Hexachlorocyclopentadiene	57		65		40-140	13		50
Hexachloroethane	64		74		40-140	14		50
Isophorone	64		70		40-140	9		50
Naphthalene	73		79		40-140	8		50
Nitrobenzene	68		80		40-140	16		50
NDPA/DPA	84		96		36-157	13		50
n-Nitrosodi-n-propylamine	65		72		32-121	10		50
Bis(2-ethylhexyl)phthalate	72		73		40-140	1		50
Butyl benzyl phthalate	72		80		40-140	11		50
Di-n-butylphthalate	73		78		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05-07 Batch: WG1938806-2 WG1938806-3								
Di-n-octylphthalate	68		72		40-140	6		50
Diethyl phthalate	78		91		40-140	15		50
Dimethyl phthalate	90		88		40-140	2		50
Benzo(a)anthracene	81		86		40-140	6		50
Benzo(a)pyrene	80		84		40-140	5		50
Benzo(b)fluoranthene	77		81		40-140	5		50
Benzo(k)fluoranthene	86		82		40-140	5		50
Chrysene	78		87		40-140	11		50
Acenaphthylene	85		87		40-140	2		50
Anthracene	82		86		40-140	5		50
Benzo(ghi)perylene	76		80		40-140	5		50
Fluorene	80		95		40-140	17		50
Phenanthrene	77		82		40-140	6		50
Dibenzo(a,h)anthracene	80		81		40-140	1		50
Indeno(1,2,3-cd)pyrene	79		80		40-140	1		50
Pyrene	84		92		35-142	9		50
Biphenyl	75		83		37-127	10		50
4-Chloroaniline	67		80		40-140	18		50
2-Nitroaniline	89		96		47-134	8		50
3-Nitroaniline	72		72		26-129	0		50
4-Nitroaniline	76		87		41-125	13		50
Dibenzofuran	80		89		40-140	11		50
2-Methylnaphthalene	75		84		40-140	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05-07 Batch: WG1938806-2 WG1938806-3								
1,2,4,5-Tetrachlorobenzene	79		90		40-117	13		50
Acetophenone	60		68		14-144	13		50
2,4,6-Trichlorophenol	89		108		30-130	19		50
p-Chloro-m-cresol	80		92		26-103	14		50
2-Chlorophenol	70		82		25-102	16		50
2,4-Dichlorophenol	79		89		30-130	12		50
2,4-Dimethylphenol	66		79		30-130	18		50
2-Nitrophenol	76		90		30-130	17		50
4-Nitrophenol	87		100		11-114	14		50
2,4-Dinitrophenol	92		94		4-130	2		50
4,6-Dinitro-o-cresol	103		117		10-130	13		50
Pentachlorophenol	78		86		17-109	10		50
Phenol	69		82		26-90	17		50
2-Methylphenol	71		75		30-130.	5		50
3-Methylphenol/4-Methylphenol	76		82		30-130	8		50
2,4,5-Trichlorophenol	96		109		30-130	13		50
Carbazole	73		81		54-128	10		50
Atrazine	82		96		40-140	16		50
Benzaldehyde	54		65		40-140	18		50
Caprolactam	67		80		15-130	18		50
2,3,4,6-Tetrachlorophenol	97		102		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05-07 Batch: WG1938806-2 WG1938806-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	66		72		25-120
Phenol-d6	65		74		10-120
Nitrobenzene-d5	70		77		23-120
2-Fluorobiphenyl	86		92		30-120
2,4,6-Tribromophenol	80		90		10-136
4-Terphenyl-d14	85		91		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/26/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05-07 QC Batch ID: WG1938806-4 WG1938806-5 QC Sample: L2435606-02 Client ID: B-18 7												
Acenaphthene	ND	1510	1200	79		1200	79		31-137	0		50
Hexachlorobenzene	ND	1510	1400	93		1400	93		40-140	0		50
Bis(2-chloroethyl)ether	ND	1510	1100	73		1100	73		40-140	0		50
2-Chloronaphthalene	ND	1510	1400	93		1300	86		40-140	7		50
3,3'-Dichlorobenzidine	ND	1510	1200	79		1300	86		40-140	8		50
2,4-Dinitrotoluene	ND	1510	1400	93		1400	93		40-132	0		50
2,6-Dinitrotoluene	ND	1510	1500	99		1500	99		40-140	0		50
Fluoranthene	66J	1510	1300	86		1400	93		40-140	7		50
4-Chlorophenyl phenyl ether	ND	1510	1400	93		1400	93		40-140	0		50
4-Bromophenyl phenyl ether	ND	1510	1500	99		1500	99		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1510	1200	79		1200	79		40-140	0		50
Bis(2-chloroethoxy)methane	ND	1510	1200	79		1200	79		40-117	0		50
Hexachlorobutadiene	ND	1510	1600	110		1700	110		40-140	6		50
Hexachlorocyclopentadiene	ND	1510	1600	110		1500	99		40-140	6		50
Hexachloroethane	ND	1510	1200	79		1200	79		40-140	0		50
Isophorone	ND	1510	1200	79		1100	73		40-140	9		50
Naphthalene	ND	1510	1300	86		1200	79		40-140	8		50
Nitrobenzene	ND	1510	1200	79		1200	79		40-140	0		50
NDPA/DPA	ND	1510	1300	86		1300	86		36-157	0		50
n-Nitrosodi-n-propylamine	ND	1510	1200	79		1200	79		32-121	0		50
Bis(2-ethylhexyl)phthalate	ND	1510	1200	79		1200	79		40-140	0		50
Butyl benzyl phthalate	ND	1510	1400	93		1400	93		40-140	0		50
Di-n-butylphthalate	ND	1510	1300	86		1300	86		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/26/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05-07 QC Batch ID: WG1938806-4 WG1938806-5 QC Sample: L2435606-02 Client ID: B-18 7												
Di-n-octylphthalate	ND	1510	1300	86		1300	86		40-140	0		50
Diethyl phthalate	ND	1510	1300	86		1300	86		40-140	0		50
Dimethyl phthalate	ND	1510	1500	99		1400	93		40-140	7		50
Benzo(a)anthracene	28J	1510	1300	86		1200	79		40-140	8		50
Benzo(a)pyrene	ND	1510	1300	86		1400	93		40-140	7		50
Benzo(b)fluoranthene	36J	1510	1300	86		1400	93		40-140	7		50
Benzo(k)fluoranthene	ND	1510	1300	86		1300	86		40-140	0		50
Chrysene	29J	1510	1200	79		1200	79		40-140	0		50
Acenaphthylene	ND	1510	1400	93		1300	86		40-140	7		50
Anthracene	ND	1510	1300	86		1300	86		40-140	0		50
Benzo(ghi)perylene	ND	1510	1200	79		1200	79		40-140	0		50
Fluorene	ND	1510	1300	86		1200	79		40-140	8		50
Phenanthrene	29J	1510	1200	79		1200	79		40-140	0		50
Dibenzo(a,h)anthracene	ND	1510	1200	79		1200	79		40-140	0		50
Indeno(1,2,3-cd)pyrene	ND	1510	1200	79		1200	79		40-140	0		50
Pyrene	53J	1510	1300	86		1400	93		35-142	7		50
Biphenyl	ND	1510	1300	86		1300	86		37-127	0		50
4-Chloroaniline	ND	1510	870	58		920	61		40-140	6		50
2-Nitroaniline	ND	1510	1500	99		1400	93		47-134	7		50
3-Nitroaniline	ND	1510	1100	73		1100	73		26-129	0		50
4-Nitroaniline	ND	1510	1300	86		1300	86		41-125	0		50
Dibenzofuran	ND	1510	1300	86		1200	79		40-140	8		50
2-Methylnaphthalene	ND	1510	1300	86		1300	86		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/26/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05-07 QC Batch ID: WG1938806-4 WG1938806-5 QC Sample: L2435606-02 Client ID: B-18 7												
1,2,4,5-Tetrachlorobenzene	ND	1510	1500	99		1500	99		40-117	0		50
Acetophenone	ND	1510	1200	79		1200	79		14-144	0		50
2,4,6-Trichlorophenol	ND	1510	1600	110		1600	110		30-130	0		50
p-Chloro-m-cresol	ND	1510	1400	93		1400	93		26-103	0		50
2-Chlorophenol	ND	1510	1300	86		1200	79		25-102	8		50
2,4-Dichlorophenol	ND	1510	1300	86		1300	86		30-130	0		50
2,4-Dimethylphenol	ND	1510	1200	79		1200	79		30-130	0		50
2-Nitrophenol	ND	1510	1300	86		1300	86		30-130	0		50
4-Nitrophenol	ND	1510	1200	79		1200	79		11-114	0		50
2,4-Dinitrophenol	ND	1510	220J	15		200J	13		4-130	10		50
4,6-Dinitro-o-cresol	ND	1510	1100	73		1000	66		10-130	10		50
Pentachlorophenol	ND	1510	1300	86		1300	86		17-109	0		50
Phenol	ND	1510	1300	86		1300	86		26-90	0		50
2-Methylphenol	ND	1510	1200	79		1200	79		30-130.	0		50
3-Methylphenol/4-Methylphenol	ND	1510	1200	79		1200	79		30-130	0		50
2,4,5-Trichlorophenol	ND	1510	1600	110		1600	110		30-130	0		50
Carbazole	ND	1510	1300	86		1300	86		54-128	0		50
Atrazine	ND	1510	1500	99		1400	93		40-140	7		50
Benzaldehyde	ND	1510	1100	73		1000	66		40-140	10		50
Caprolactam	ND	1510	1200	79		1200	79		15-130	0		50
2,3,4,6-Tetrachlorophenol	ND	1510	1600	110		1500	99		40-140	6		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/26/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,05-07 QC Batch ID: WG1938806-4 WG1938806-5 QC Sample: L2435606-02 Client ID: B-18 7												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	99		104		10-136
2-Fluorobiphenyl	90		93		30-120
2-Fluorophenol	92		91		25-120
4-Terphenyl-d14	91		95		18-120
Nitrobenzene-d5	77		77		23-120
Phenol-d6	86		86		10-120

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-01
Client ID: B-17 7
Sample Location: BUFFALO, NY
Date Collected: 06/24/24 13:30
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.09		mg/kg	0.892	0.186	2	06/25/24 20:00	06/26/24 08:41	EPA 3050B	1,6010D	DHL
Barium, Total	43.9		mg/kg	0.892	0.155	2	06/25/24 20:00	06/26/24 08:41	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.173	J	mg/kg	0.892	0.087	2	06/25/24 20:00	06/26/24 08:41	EPA 3050B	1,6010D	DHL
Chromium, Total	6.53		mg/kg	0.892	0.086	2	06/25/24 20:00	06/26/24 08:41	EPA 3050B	1,6010D	DHL
Lead, Total	10.6		mg/kg	4.46	0.239	2	06/25/24 20:00	06/26/24 08:41	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/25/24 20:15	06/26/24 01:13	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.78	0.230	2	06/25/24 20:00	06/26/24 08:41	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.446	0.252	2	06/25/24 20:00	06/26/24 08:41	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-02
Client ID: B-18 7
Sample Location: BUFFALO, NY
Date Collected: 06/24/24 13:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.14		mg/kg	0.906	0.188	2	06/25/24 20:00	06/26/24 08:11	EPA 3050B	1,6010D	DHL
Barium, Total	67.9		mg/kg	0.906	0.158	2	06/25/24 20:00	06/26/24 08:11	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.176	J	mg/kg	0.906	0.089	2	06/25/24 20:00	06/26/24 08:11	EPA 3050B	1,6010D	DHL
Chromium, Total	9.92		mg/kg	0.906	0.087	2	06/25/24 20:00	06/26/24 08:11	EPA 3050B	1,6010D	DHL
Lead, Total	13.5		mg/kg	4.53	0.243	2	06/25/24 20:00	06/26/24 08:11	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.085	0.055	1	06/25/24 20:15	06/26/24 00:27	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.81	0.234	2	06/25/24 20:00	06/26/24 08:11	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.453	0.256	2	06/25/24 20:00	06/26/24 08:11	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-05 Date Collected: 06/24/24 13:50

Client ID: B-27 3.5 Date Received: 06/24/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.28		mg/kg	0.901	0.187	2	06/25/24 20:00	06/26/24 08:44	EPA 3050B	1,6010D	DHL
Barium, Total	63.6		mg/kg	0.901	0.157	2	06/25/24 20:00	06/26/24 08:44	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.143	J	mg/kg	0.901	0.088	2	06/25/24 20:00	06/26/24 08:44	EPA 3050B	1,6010D	DHL
Chromium, Total	12.2		mg/kg	0.901	0.087	2	06/25/24 20:00	06/26/24 08:44	EPA 3050B	1,6010D	DHL
Lead, Total	14.2		mg/kg	4.50	0.241	2	06/25/24 20:00	06/26/24 08:44	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.077	0.050	1	06/25/24 20:15	06/26/24 01:16	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.80	0.232	2	06/25/24 20:00	06/26/24 08:44	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.450	0.255	2	06/25/24 20:00	06/26/24 08:44	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Lab Number: L2435606
Project Number: 4461.0001B002
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-06
Client ID: B-28 3.5
Sample Location: BUFFALO, NY
Date Collected: 06/24/24 14:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.60		mg/kg	0.923	0.192	2	06/25/24 20:00	06/26/24 08:48	EPA 3050B	1,6010D	DHL
Barium, Total	80.2		mg/kg	0.923	0.160	2	06/25/24 20:00	06/26/24 08:48	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.134	J	mg/kg	0.923	0.090	2	06/25/24 20:00	06/26/24 08:48	EPA 3050B	1,6010D	DHL
Chromium, Total	12.9		mg/kg	0.923	0.089	2	06/25/24 20:00	06/26/24 08:48	EPA 3050B	1,6010D	DHL
Lead, Total	13.3		mg/kg	4.61	0.247	2	06/25/24 20:00	06/26/24 08:48	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.089	0.058	1	06/25/24 20:15	06/26/24 01:20	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.84	0.238	2	06/25/24 20:00	06/26/24 08:48	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.461	0.261	2	06/25/24 20:00	06/26/24 08:48	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2435606
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-07
Client ID: WW-2 3-5
Sample Location: BUFFALO, NY
Date Collected: 06/24/24 13:20
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.34		mg/kg	0.967	0.201	2	06/25/24 20:00	06/26/24 08:51	EPA 3050B	1,6010D	DHL
Barium, Total	101		mg/kg	0.967	0.168	2	06/25/24 20:00	06/26/24 08:51	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.184	J	mg/kg	0.967	0.095	2	06/25/24 20:00	06/26/24 08:51	EPA 3050B	1,6010D	DHL
Chromium, Total	15.0		mg/kg	0.967	0.093	2	06/25/24 20:00	06/26/24 08:51	EPA 3050B	1,6010D	DHL
Lead, Total	45.1		mg/kg	4.84	0.259	2	06/25/24 20:00	06/26/24 08:51	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.099	0.064	1	06/25/24 20:15	06/26/24 01:23	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.93	0.250	2	06/25/24 20:00	06/26/24 08:51	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.484	0.274	2	06/25/24 20:00	06/26/24 08:51	EPA 3050B	1,6010D	DHL

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2435606

Project Number: 4461.0001B002 **Report Date:** 06/26/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-07 Batch: WG1938913-1										
Arsenic, Total	0.087	J	mg/kg	0.400	0.083	1	06/25/24 20:00	06/26/24 07:53	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	06/25/24 20:00	06/26/24 07:53	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/25/24 20:00	06/26/24 07:53	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/25/24 20:00	06/26/24 07:53	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	06/25/24 20:00	06/26/24 07:53	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/25/24 20:00	06/26/24 07:53	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	06/25/24 20:00	06/26/24 07:53	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,05-07 Batch: WG1938918-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/25/24 20:15	06/26/24 00:20	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/26/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-07 Batch: WG1938913-2								
Arsenic, Total	104		-		80-120	-		
Barium, Total	106		-		80-120	-		
Cadmium, Total	104		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Lead, Total	104		-		80-120	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	105		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-07 Batch: WG1938918-2								
Mercury, Total	96		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/26/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-07 QC Batch ID: WG1938913-3 WG1938913-4 QC Sample: L2435606-02 Client ID: B-18 7												
Arsenic, Total	3.14	10.9	14.3	102		13.5	96		75-125	6		20
Barium, Total	67.9	182	250	100		223	86		75-125	11		20
Cadmium, Total	0.176J	4.83	4.03	83		4.09	86		75-125	1		20
Chromium, Total	9.92	18.2	25.4	85		25.0	84		75-125	2		20
Lead, Total	13.5	48.3	54.5	85		54.8	87		75-125	1		20
Selenium, Total	ND	10.9	9.78	89		9.58	89		75-125	2		20
Silver, Total	ND	4.56	4.24	93		4.15	92		75-125	2		20
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-07 QC Batch ID: WG1938918-3 WG1938918-4 QC Sample: L2435606-02 Client ID: B-18 7												
Mercury, Total	ND	1.81	1.79	99		1.78	97		80-120	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2435606
Report Date: 06/26/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,05-07 QC Batch ID: WG1938913-6 QC Sample: L2435606-02 Client ID: B-18 7						
Barium, Total	67.9	68.7	mg/kg	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-01
Client ID: B-17 7
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 13:30
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	06/25/24 09:48	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-02
Client ID: B-18 7
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 13:40
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	06/25/24 09:48	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-05
Client ID: B-27 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 13:50
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	06/25/24 10:16	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-06
Client ID: B-28 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 14:00
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	06/25/24 10:16	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/26/24

SAMPLE RESULTS

Lab ID: L2435606-07
Client ID: WW-2 3-5
Sample Location: BUFFALO, NY

Date Collected: 06/24/24 13:20
Date Received: 06/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.3		%	0.100	NA	1	-	06/25/24 10:16	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2435606

Report Date: 06/26/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1938945-1 QC Sample: L2434554-02 Client ID: DUP Sample						
Solids, Total	83.5	82.5	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 05-07 QC Batch ID: WG1938947-1 QC Sample: L2434863-04 Client ID: DUP Sample						
Solids, Total	37.8	36.9	%	2		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/26/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2435606-01A	Plastic 8oz unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(90)
L2435606-01B	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),TS(7)
L2435606-01X	Glass 60ml unpreserved split	A	NA		4.1	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2435606-02A	Plastic 8oz unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(90)
L2435606-02A1	Plastic 8oz unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(90)
L2435606-02A2	Plastic 8oz unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(90)
L2435606-02B	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),TS(7)
L2435606-02X	Glass 60ml unpreserved split	A	NA		4.1	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2435606-03A	Plastic 8oz unpreserved	A	NA		4.1	Y	Absent		A2-TS(7),A2-1633-DRAFT(90)
L2435606-05A	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),TS(7)
L2435606-05X	Glass 60ml unpreserved split	A	NA		4.1	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2435606-06A	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),TS(7)
L2435606-06X	Glass 60ml unpreserved split	A	NA		4.1	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2435606-07A	Plastic 8oz unpreserved	A	NA		4.1	Y	Absent		A2-1633-DRAFT(90)
L2435606-07B	Glass 250ml/8oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),TS(7)
L2435606-07X	Glass 60ml unpreserved split	A	NA		4.1	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2435606
Project Number:	4461.0001B002	**Report Date:**	06/26/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2435606
Project Number:	4461.0001B002	**Report Date:**	06/26/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2435606
Project Number:	4461.0001B002	**Report Date:**	06/26/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2435606
Project Number:	4461.0001B002	**Report Date:**	06/26/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 6/25/24

ALPHA Job #: L2435606

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmuniey@rouxinc.com

Project Information

Project Name: 1681 - 1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☒ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT B, PFAS on fastest turn as possible

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	PFAS 42-1633	Total Bottle	Sample Specific Comments
35606-01	B-17 7	6-24-24	1330	Soil	CEH	X	X	X		
-02	B-18 7		1340			X	X	X		
-03	Blind Dup		0800			~~X~~	~~X~~	X		
-02	B-18 7 MS		1340					X		
↓	B-18 7 MSD		1340					X		
~~-05~~ -04	B-27 3.5		1350			X	X			
~~-06~~ -05	B-28 3.5	↓	1400	↓	↓	X	X			
-07	WW-2 3-5	6-24-24	1320	Soil	CEH	X	X	X		

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Chris Horbrait	6-24-24/1610		6/24/24 @ 16:10
PACE	6-24-24 @ 16:10		6/25/24 0050

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2436259
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	07/03/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436259
Report Date: 07/03/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436259-01	WW-3 3-5	SOIL	BUFFALO, NY	06/26/24 12:40	06/26/24
L2436259-02	WW-4 3-5	SOIL	BUFFALO, NY	06/26/24 12:50	06/26/24
L2436259-03	BLIND DUP #2	SOIL	BUFFALO, NY	06/26/24 08:10	06/26/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436259
Project Number:	4461.0001B002	**Report Date:**	07/03/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436259
Project Number:	4461.0001B002	**Report Date:**	07/03/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2436259-01 through -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 07/03/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436259
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-02
Client ID: WW-4 3-5
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:50
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/01/24 14:37
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-02 Date Collected: 06/26/24 12:50

Client ID: WW-4 3-5 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	16		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Isopropylbenzene	0.12	J	ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
Methyl Acetate	ND		ug/kg	3.8	0.89	1
Cyclohexane	ND		ug/kg	9.4	0.51	1
1,4-Dioxane	ND		ug/kg	75	33.	1
Freon-113	ND		ug/kg	3.8	0.65	1
Methyl cyclohexane	ND		ug/kg	3.8	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/01/24 08:58
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1941712-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.49	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/01/24 08:58
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1941712-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/01/24 08:58
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1941712-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436259

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1941712-3 WG1941712-4								
Methylene chloride	87		85		70-130	2		30
1,1-Dichloroethane	110		107		70-130	3		30
Chloroform	109		106		70-130	3		30
Carbon tetrachloride	111		106		70-130	5		30
1,2-Dichloropropane	108		106		70-130	2		30
Dibromochloromethane	100		100		70-130	0		30
1,1,2-Trichloroethane	101		98		70-130	3		30
Tetrachloroethene	110		103		70-130	7		30
Chlorobenzene	102		97		70-130	5		30
Trichlorofluoromethane	109		103		70-139	6		30
1,2-Dichloroethane	102		104		70-130	2		30
1,1,1-Trichloroethane	113		108		70-130	5		30
Bromodichloromethane	106		104		70-130	2		30
trans-1,3-Dichloropropene	105		102		70-130	3		30
cis-1,3-Dichloropropene	107		106		70-130	1		30
Bromoform	95		93		70-130	2		30
1,1,2,2-Tetrachloroethane	103		102		70-130	1		30
Benzene	107		104		70-130	3		30
Toluene	103		98		70-130	5		30
Ethylbenzene	106		100		70-130	6		30
Chloromethane	107		102		52-130	5		30
Bromomethane	92		87		57-147	6		30
Vinyl chloride	113		104		67-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436259
Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1941712-3 WG1941712-4								
Chloroethane	113		104		50-151	8		30
1,1-Dichloroethene	112		105		65-135	6		30
trans-1,2-Dichloroethene	109		102		70-130	7		30
Trichloroethene	106		102		70-130	4		30
1,2-Dichlorobenzene	100		99		70-130	1		30
1,3-Dichlorobenzene	104		102		70-130	2		30
1,4-Dichlorobenzene	101		100		70-130	1		30
Methyl tert butyl ether	100		97		66-130	3		30
p/m-Xylene	106		101		70-130	5		30
o-Xylene	106		100		70-130	6		30
cis-1,2-Dichloroethene	103		101		70-130	2		30
Styrene	105		100		70-130	5		30
Dichlorodifluoromethane	108		96		30-146	12		30
Acetone	92		87		54-140	6		30
Carbon disulfide	103		97		59-130	6		30
2-Butanone	94		97		70-130	3		30
4-Methyl-2-pentanone	92		91		70-130	1		30
2-Hexanone	85		89		70-130	5		30
Bromochloromethane	104		101		70-130	3		30
1,2-Dibromoethane	103		102		70-130	1		30
n-Butylbenzene	109		106		70-130	3		30
sec-Butylbenzene	107		103		70-130	4		30
1,2-Dibromo-3-chloropropane	91		90		68-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436259

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1941712-3 WG1941712-4								
Isopropylbenzene	106		102		70-130	4		30
p-Isopropyltoluene	106		103		70-130	3		30
n-Propylbenzene	107		105		70-130	2		30
1,2,3-Trichlorobenzene	86		87		70-130	1		30
1,2,4-Trichlorobenzene	96		96		70-130	0		30
1,3,5-Trimethylbenzene	106		103		70-130	3		30
1,2,4-Trimethylbenzene	104		101		70-130	3		30
Methyl Acetate	96		94		51-146	2		30
Cyclohexane	117		110		59-142	6		30
1,4-Dioxane	94		90		65-136	4		30
Freon-113	113		106		50-139	6		30
Methyl cyclohexane	111		106		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		98		70-130
Toluene-d8	99		97		70-130
4-Bromofluorobenzene	95		98		70-130
Dibromofluoromethane	100		103		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436259
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-01
Client ID: WW-3 3-5
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:40
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 03:42
Analyst: LJG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 09:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-01 Date Collected: 06/26/24 12:40

Client ID: WW-3 3-5 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	450	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-01 Date Collected: 06/26/24 12:40

Client ID: WW-3 3-5 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	65		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436259
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-02
Client ID: WW-4 3-5
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:50
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 06:45
Analyst: LJG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 09:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	320		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	110		ug/kg	110	21.	1
Benzo(a)pyrene	110	J	ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-02 Date Collected: 06/26/24 12:50

Client ID: WW-4 3-5 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	160		ug/kg	110	31.	1
Benzo(k)fluoranthene	37	J	ug/kg	110	30.	1
Chrysene	100	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	80	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	160		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	77	J	ug/kg	150	26.	1
Pyrene	260		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	24	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-02 Date Collected: 06/26/24 12:50

Client ID: WW-4 3-5 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	104		25-120
Phenol-d6	107		10-120
Nitrobenzene-d5	109		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	104		10-136
4-Terphenyl-d14	88		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436259
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-03
Client ID: BLIND DUP #2
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 08:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 02:34
Analyst: LJG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 09:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-03 Date Collected: 06/26/24 08:10

Client ID: BLIND DUP #2 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-03 Date Collected: 06/26/24 08:10

Client ID: BLIND DUP #2 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	98		25-120
Phenol-d6	99		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	92		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436259
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/02/24 23:09
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 07/02/24 09:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1942200-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436259
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/02/24 23:09
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 07/02/24 09:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1942200-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436259
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/02/24 23:09
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 07/02/24 09:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1942200-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	90		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436259

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1942200-2 WG1942200-3								
Acenaphthene	91		76		31-137	18		50
Hexachlorobenzene	94		80		40-140	16		50
Bis(2-chloroethyl)ether	91		80		40-140	13		50
2-Chloronaphthalene	87		74		40-140	16		50
3,3'-Dichlorobenzidine	73		67		40-140	9		50
2,4-Dinitrotoluene	103		88		40-132	16		50
2,6-Dinitrotoluene	100		83		40-140	19		50
Fluoranthene	106		89		40-140	17		50
4-Chlorophenyl phenyl ether	98		81		40-140	19		50
4-Bromophenyl phenyl ether	100		83		40-140	19		50
Bis(2-chloroisopropyl)ether	58		50		40-140	15		50
Bis(2-chloroethoxy)methane	92		81		40-117	13		50
Hexachlorobutadiene	98		85		40-140	14		50
Hexachlorocyclopentadiene	112		96		40-140	15		50
Hexachloroethane	86		73		40-140	16		50
Isophorone	98		86		40-140	13		50
Naphthalene	78		68		40-140	14		50
Nitrobenzene	95		88		40-140	8		50
NDPA/DPA	93		77		36-157	19		50
n-Nitrosodi-n-propylamine	95		88		32-121	8		50
Bis(2-ethylhexyl)phthalate	79		66		40-140	18		50
Butyl benzyl phthalate	107		90		40-140	17		50
Di-n-butylphthalate	100		84		40-140	17		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436259

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1942200-2 WG1942200-3								
Di-n-octylphthalate	98		81		40-140	19		50
Diethyl phthalate	94		80		40-140	16		50
Dimethyl phthalate	88		76		40-140	15		50
Benzo(a)anthracene	91		77		40-140	17		50
Benzo(a)pyrene	93		80		40-140	15		50
Benzo(b)fluoranthene	92		78		40-140	16		50
Benzo(k)fluoranthene	87		76		40-140	13		50
Chrysene	90		76		40-140	17		50
Acenaphthylene	80		69		40-140	15		50
Anthracene	99		84		40-140	16		50
Benzo(ghi)perylene	94		80		40-140	16		50
Fluorene	91		74		40-140	21		50
Phenanthrene	95		80		40-140	17		50
Dibenzo(a,h)anthracene	92		79		40-140	15		50
Indeno(1,2,3-cd)pyrene	98		83		40-140	17		50
Pyrene	106		90		35-142	16		50
Biphenyl	75		65		37-127	14		50
4-Chloroaniline	89		81		40-140	9		50
2-Nitroaniline	100		84		47-134	17		50
3-Nitroaniline	89		78		26-129	13		50
4-Nitroaniline	98		81		41-125	19		50
Dibenzofuran	89		75		40-140	17		50
2-Methylnaphthalene	83		71		40-140	16		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436259

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1942200-2 WG1942200-3								
1,2,4,5-Tetrachlorobenzene	86		75		40-117	14		50
Acetophenone	84		74		14-144	13		50
2,4,6-Trichlorophenol	101		87		30-130	15		50
p-Chloro-m-cresol	**105**	Q	90		26-103	15		50
2-Chlorophenol	88		79		25-102	11		50
2,4-Dichlorophenol	91		82		30-130	10		50
2,4-Dimethylphenol	106		97		30-130	9		50
2-Nitrophenol	101		90		30-130	12		50
4-Nitrophenol	**124**	Q	105		11-114	17		50
2,4-Dinitrophenol	83		63		4-130	27		50
4,6-Dinitro-o-cresol	116		97		10-130	18		50
Pentachlorophenol	85		71		17-109	18		50
Phenol	**94**	Q	83		26-90	12		50
2-Methylphenol	98		89		30-130.	10		50
3-Methylphenol/4-Methylphenol	96		86		30-130	11		50
2,4,5-Trichlorophenol	101		86		30-130	16		50
Carbazole	95		80		54-128	17		50
Atrazine	87		76		40-140	13		50
Benzaldehyde	79		70		40-140	12		50
Caprolactam	76		71		15-130	7		50
2,3,4,6-Tetrachlorophenol	114		95		40-140	18		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436259

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1942200-2 WG1942200-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	94		82		25-120
Phenol-d6	97		84		10-120
Nitrobenzene-d5	95		85		23-120
2-Fluorobiphenyl	81		70		30-120
2,4,6-Tribromophenol	104		87		10-136
4-Terphenyl-d14	100		84		18-120

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436259
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-02
Client ID: WW-4 3-5
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:50
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/03/24 09:30
Analyst: MHG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 22:02
Cleanup Method: EPA 3665A
Cleanup Date: 07/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.5	4.76	1	A
Aroclor 1221	ND		ug/kg	53.5	5.36	1	A
Aroclor 1232	ND		ug/kg	53.5	11.4	1	A
Aroclor 1242	ND		ug/kg	53.5	7.22	1	A
Aroclor 1248	ND		ug/kg	53.5	8.03	1	A
Aroclor 1254	ND		ug/kg	53.5	5.86	1	A
Aroclor 1260	ND		ug/kg	53.5	9.90	1	A
Aroclor 1262	ND		ug/kg	53.5	6.80	1	A
Aroclor 1268	ND		ug/kg	53.5	5.55	1	A
PCBs, Total	ND		ug/kg	53.5	4.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436259
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/03/24 07:56
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 07/02/24 20:36
Cleanup Method: EPA 3665A
Cleanup Date: 07/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02 Batch: WG1942556-1						
Aroclor 1016	ND		ug/kg	49.2	4.37	A
Aroclor 1221	ND		ug/kg	49.2	4.93	A
Aroclor 1232	ND		ug/kg	49.2	10.4	A
Aroclor 1242	ND		ug/kg	49.2	6.63	A
Aroclor 1248	ND		ug/kg	49.2	7.38	A
Aroclor 1254	ND		ug/kg	49.2	5.38	A
Aroclor 1260	ND		ug/kg	49.2	9.09	A
Aroclor 1262	ND		ug/kg	49.2	6.25	A
Aroclor 1268	ND		ug/kg	49.2	5.10	A
PCBs, Total	ND		ug/kg	49.2	4.37	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	80		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436259

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02 Batch: WG1942556-2 WG1942556-3									
Aroclor 1016	92		88		40-140	4		50	A
Aroclor 1260	81		80		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		76		30-150	A
Decachlorobiphenyl	71		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		83		30-150	B
Decachlorobiphenyl	80		81		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET
Lab Number: L2436259
Project Number: 4461.0001B002
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-01
Client ID: WW-3 3-5
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 12:40
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.28		mg/kg	0.917	0.191	2	07/02/24 10:45	07/03/24 12:26	EPA 3050B	1,6010D	DMC
Barium, Total	89.8		mg/kg	0.917	0.160	2	07/02/24 10:45	07/03/24 12:26	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.146	J	mg/kg	0.917	0.090	2	07/02/24 10:45	07/03/24 12:26	EPA 3050B	1,6010D	DMC
Chromium, Total	15.2		mg/kg	0.917	0.088	2	07/02/24 10:45	07/03/24 12:26	EPA 3050B	1,6010D	DMC
Lead, Total	13.9		mg/kg	4.58	0.246	2	07/02/24 10:45	07/03/24 12:26	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.075	0.049	1	07/02/24 11:25	07/03/24 01:15	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.83	0.236	2	07/02/24 10:45	07/03/24 12:26	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.458	0.259	2	07/02/24 10:45	07/03/24 12:26	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436259
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-02
Client ID: WW-4 3-5
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 12:50
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.73		mg/kg	0.888	0.185	2	07/02/24 10:45	07/03/24 13:09	EPA 3050B	1,6010D	DMC
Barium, Total	42.5		mg/kg	0.888	0.154	2	07/02/24 10:45	07/03/24 13:09	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.888	0.087	2	07/02/24 10:45	07/03/24 13:09	EPA 3050B	1,6010D	DMC
Chromium, Total	5.76		mg/kg	0.888	0.085	2	07/02/24 10:45	07/03/24 13:09	EPA 3050B	1,6010D	DMC
Lead, Total	8.26		mg/kg	4.44	0.238	2	07/02/24 10:45	07/03/24 13:09	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.073	0.047	1	07/02/24 11:25	07/03/24 01:19	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.78	0.229	2	07/02/24 10:45	07/03/24 13:09	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.444	0.251	2	07/02/24 10:45	07/03/24 13:09	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-03 Date Collected: 06/26/24 08:10

Client ID: BLIND DUP #2 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.37		mg/kg	0.903	0.188	2	07/02/24 10:45	07/03/24 13:15	EPA 3050B	1,6010D	DMC
Barium, Total	64.4		mg/kg	0.903	0.157	2	07/02/24 10:45	07/03/24 13:15	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.093	J	mg/kg	0.903	0.089	2	07/02/24 10:45	07/03/24 13:15	EPA 3050B	1,6010D	DMC
Chromium, Total	7.76		mg/kg	0.903	0.087	2	07/02/24 10:45	07/03/24 13:15	EPA 3050B	1,6010D	DMC
Lead, Total	8.78		mg/kg	4.52	0.242	2	07/02/24 10:45	07/03/24 13:15	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.074	0.048	1	07/02/24 11:25	07/03/24 01:22	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.81	0.233	2	07/02/24 10:45	07/03/24 13:15	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.452	0.256	2	07/02/24 10:45	07/03/24 13:15	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1940834-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/02/24 10:45	07/03/24 08:59	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	07/02/24 10:45	07/03/24 08:59	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/02/24 10:45	07/03/24 08:59	1,6010D	DMC
Chromium, Total	0.044	J	mg/kg	0.400	0.038	1	07/02/24 10:45	07/03/24 08:59	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	07/02/24 10:45	07/03/24 08:59	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/02/24 10:45	07/03/24 08:59	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	07/02/24 10:45	07/03/24 08:59	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1940835-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/02/24 11:25	07/02/24 23:56	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436259

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1940834-2								
Arsenic, Total	99		-		80-120	-		
Barium, Total	106		-		80-120	-		
Cadmium, Total	101		-		80-120	-		
Chromium, Total	105		-		80-120	-		
Lead, Total	102		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	106		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1940835-2								
Mercury, Total	101		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436259
Report Date: 07/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1940834-3 QC Sample: L2436139-01 Client ID: MS Sample												
Arsenic, Total	10.1	12.7	25.0	117		-	-		75-125	-		20
Barium, Total	84.4	212	314	108		-	-		75-125	-		20
Cadmium, Total	0.532J	5.62	6.06	108		-	-		75-125	-		20
Chromium, Total	13.0	21.2	36.5	111		-	-		75-125	-		20
Lead, Total	1320	56.2	1550	**410**	Q	-	-		75-125	-		20
Selenium, Total	0.854J	12.7	13.0	102		-	-		75-125	-		20
Silver, Total	0.371J	5.3	5.81	110		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1940835-3 QC Sample: L2436139-01 Client ID: MS Sample												
Mercury, Total	0.986	1.72	2.77	104		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436259
Report Date: 07/03/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1940834-4 QC Sample: L2436139-01 Client ID: DUP Sample						
Arsenic, Total	10.1	17.6	mg/kg	**54**	Q	20
Barium, Total	84.4	121	mg/kg	**36**	Q	20
Cadmium, Total	0.532J	0.653J	mg/kg	NC		20
Chromium, Total	13.0	15.3	mg/kg	16		20
Lead, Total	1320	1230	mg/kg	7		20
Selenium, Total	0.854J	1.13J	mg/kg	NC		20
Silver, Total	0.371J	0.370J	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1940835-4 QC Sample: L2436139-01 Client ID: DUP Sample						
Mercury, Total	0.986	0.794	mg/kg	**22**	Q	20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2436259
Report Date: 07/03/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1940834-6 QC Sample: L2436139-01 Client ID: DUP Sample						
Barium, Total	84.4	85.4	mg/kg	1		20
Lead, Total	1320	1300	mg/kg	2		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436259
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-01
Client ID: WW-3 3-5
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:40
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	06/27/24 09:49	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436259
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-02
Client ID: WW-4 3-5
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:50
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	06/27/24 09:49	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436259
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-03
Client ID: BLIND DUP #2
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 08:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	06/27/24 09:49	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436259

Report Date: 07/03/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1940101-1 QC Sample: L2436119-01 Client ID: DUP Sample						
Solids, Total	78.9	79.9	%	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436259
Report Date: 07/03/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436259-01A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2436259-01B	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7)
L2436259-02A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2436259-02B	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436259-02C	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436259-02X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436259-02Y	Vial Water preserved split	A	NA		4.3	Y	Absent	28-JUN-24 10:45	NYTCL-8260-R2(14)
L2436259-02Z	Vial Water preserved split	A	NA		4.3	Y	Absent	28-JUN-24 10:45	NYTCL-8260-R2(14)
L2436259-03A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436259-03B	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436259
Project Number:	4461.0001B002	**Report Date:**	07/03/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436259
Project Number:	4461.0001B002	**Report Date:**	07/03/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436259
Project Number:	4461.0001B002	**Report Date:**	07/03/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436259
Project Number:	4461.0001B002	**Report Date:**	07/03/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 11 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 6/27/24

ALPHA Job #: L2436259

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone:
Fax:
Email: nmuniz@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project # 4461.0001B002
(Use Project name as Project #)
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [ ] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement
[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information
[ ] Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	TCL + CP-51 VOCs	PCBs	Total Bottle	Sample Specific Comments
36259-01	WW-3 3-5	6/26/24	1240	Soil	CEH	X	X				
-02	WW-4 3-5		1250	Soil	CEH	X	X	X	X		
-03	Blind Dup #2		0810	Soil	CEH	X	X				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
Dante Hardaeta	6-26-24 1545	Mike/PACE	6/26/24 1548
Mike/PACE	6/26/24 1545		6/27/24 0215

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2436259
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	07/03/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436259
Report Date: 07/03/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436259-01	WW-3 3-5	SOIL	BUFFALO, NY	06/26/24 12:40	06/26/24
L2436259-02	WW-4 3-5	SOIL	BUFFALO, NY	06/26/24 12:50	06/26/24
L2436259-03	BLIND DUP #2	SOIL	BUFFALO, NY	06/26/24 08:10	06/26/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436259
Project Number:	4461.0001B002	**Report Date:**	07/03/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436259
Project Number:	4461.0001B002	**Report Date:**	07/03/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2436259-01 through -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 07/03/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436259
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-02
Client ID: WW-4 3-5
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:50
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/01/24 14:37
Analyst: JIC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-02 Date Collected: 06/26/24 12:50

Client ID: WW-4 3-5 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	16		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Isopropylbenzene	0.12	J	ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
Methyl Acetate	ND		ug/kg	3.8	0.89	1
Cyclohexane	ND		ug/kg	9.4	0.51	1
1,4-Dioxane	ND		ug/kg	75	33.	1
Freon-113	ND		ug/kg	3.8	0.65	1
Methyl cyclohexane	ND		ug/kg	3.8	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/01/24 08:58
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1941712-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.49	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/01/24 08:58
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1941712-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/01/24 08:58
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1941712-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436259

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1941712-3 WG1941712-4								
Methylene chloride	87		85		70-130	2		30
1,1-Dichloroethane	110		107		70-130	3		30
Chloroform	109		106		70-130	3		30
Carbon tetrachloride	111		106		70-130	5		30
1,2-Dichloropropane	108		106		70-130	2		30
Dibromochloromethane	100		100		70-130	0		30
1,1,2-Trichloroethane	101		98		70-130	3		30
Tetrachloroethene	110		103		70-130	7		30
Chlorobenzene	102		97		70-130	5		30
Trichlorofluoromethane	109		103		70-139	6		30
1,2-Dichloroethane	102		104		70-130	2		30
1,1,1-Trichloroethane	113		108		70-130	5		30
Bromodichloromethane	106		104		70-130	2		30
trans-1,3-Dichloropropene	105		102		70-130	3		30
cis-1,3-Dichloropropene	107		106		70-130	1		30
Bromoform	95		93		70-130	2		30
1,1,2,2-Tetrachloroethane	103		102		70-130	1		30
Benzene	107		104		70-130	3		30
Toluene	103		98		70-130	5		30
Ethylbenzene	106		100		70-130	6		30
Chloromethane	107		102		52-130	5		30
Bromomethane	92		87		57-147	6		30
Vinyl chloride	113		104		67-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436259
Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1941712-3 WG1941712-4								
Chloroethane	113		104		50-151	8		30
1,1-Dichloroethene	112		105		65-135	6		30
trans-1,2-Dichloroethene	109		102		70-130	7		30
Trichloroethene	106		102		70-130	4		30
1,2-Dichlorobenzene	100		99		70-130	1		30
1,3-Dichlorobenzene	104		102		70-130	2		30
1,4-Dichlorobenzene	101		100		70-130	1		30
Methyl tert butyl ether	100		97		66-130	3		30
p/m-Xylene	106		101		70-130	5		30
o-Xylene	106		100		70-130	6		30
cis-1,2-Dichloroethene	103		101		70-130	2		30
Styrene	105		100		70-130	5		30
Dichlorodifluoromethane	108		96		30-146	12		30
Acetone	92		87		54-140	6		30
Carbon disulfide	103		97		59-130	6		30
2-Butanone	94		97		70-130	3		30
4-Methyl-2-pentanone	92		91		70-130	1		30
2-Hexanone	85		89		70-130	5		30
Bromochloromethane	104		101		70-130	3		30
1,2-Dibromoethane	103		102		70-130	1		30
n-Butylbenzene	109		106		70-130	3		30
sec-Butylbenzene	107		103		70-130	4		30
1,2-Dibromo-3-chloropropane	91		90		68-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436259

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1941712-3 WG1941712-4								
Isopropylbenzene	106		102		70-130	4		30
p-Isopropyltoluene	106		103		70-130	3		30
n-Propylbenzene	107		105		70-130	2		30
1,2,3-Trichlorobenzene	86		87		70-130	1		30
1,2,4-Trichlorobenzene	96		96		70-130	0		30
1,3,5-Trimethylbenzene	106		103		70-130	3		30
1,2,4-Trimethylbenzene	104		101		70-130	3		30
Methyl Acetate	96		94		51-146	2		30
Cyclohexane	117		110		59-142	6		30
1,4-Dioxane	94		90		65-136	4		30
Freon-113	113		106		50-139	6		30
Methyl cyclohexane	111		106		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		98		70-130
Toluene-d8	99		97		70-130
4-Bromofluorobenzene	95		98		70-130
Dibromofluoromethane	100		103		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436259
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-01
Client ID: WW-3 3-5
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:40
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 03:42
Analyst: LJG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 09:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-01 Date Collected: 06/26/24 12:40

Client ID: WW-3 3-5 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	450	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-01 Date Collected: 06/26/24 12:40

Client ID: WW-3 3-5 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	65		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436259
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-02
Client ID: WW-4 3-5
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:50
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 06:45
Analyst: LJG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 09:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	320		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	110		ug/kg	110	21.	1
Benzo(a)pyrene	110	J	ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-02 Date Collected: 06/26/24 12:50

Client ID: WW-4 3-5 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	160		ug/kg	110	31.	1
Benzo(k)fluoranthene	37	J	ug/kg	110	30.	1
Chrysene	100	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	80	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	160		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	77	J	ug/kg	150	26.	1
Pyrene	260		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	24	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-02 Date Collected: 06/26/24 12:50

Client ID: WW-4 3-5 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	104		25-120
Phenol-d6	107		10-120
Nitrobenzene-d5	109		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	104		10-136
4-Terphenyl-d14	88		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436259
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-03
Client ID: BLIND DUP #2
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 08:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/03/24 02:34
Analyst: LJG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 09:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-03 Date Collected: 06/26/24 08:10

Client ID: BLIND DUP #2 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-03 Date Collected: 06/26/24 08:10

Client ID: BLIND DUP #2 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	98		25-120
Phenol-d6	99		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	92		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436259
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/02/24 23:09
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 07/02/24 09:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1942200-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436259
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/02/24 23:09
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 07/02/24 09:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1942200-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436259
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/02/24 23:09
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 07/02/24 09:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1942200-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	90		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436259

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1942200-2 WG1942200-3								
Acenaphthene	91		76		31-137	18		50
Hexachlorobenzene	94		80		40-140	16		50
Bis(2-chloroethyl)ether	91		80		40-140	13		50
2-Chloronaphthalene	87		74		40-140	16		50
3,3'-Dichlorobenzidine	73		67		40-140	9		50
2,4-Dinitrotoluene	103		88		40-132	16		50
2,6-Dinitrotoluene	100		83		40-140	19		50
Fluoranthene	106		89		40-140	17		50
4-Chlorophenyl phenyl ether	98		81		40-140	19		50
4-Bromophenyl phenyl ether	100		83		40-140	19		50
Bis(2-chloroisopropyl)ether	58		50		40-140	15		50
Bis(2-chloroethoxy)methane	92		81		40-117	13		50
Hexachlorobutadiene	98		85		40-140	14		50
Hexachlorocyclopentadiene	112		96		40-140	15		50
Hexachloroethane	86		73		40-140	16		50
Isophorone	98		86		40-140	13		50
Naphthalene	78		68		40-140	14		50
Nitrobenzene	95		88		40-140	8		50
NDPA/DPA	93		77		36-157	19		50
n-Nitrosodi-n-propylamine	95		88		32-121	8		50
Bis(2-ethylhexyl)phthalate	79		66		40-140	18		50
Butyl benzyl phthalate	107		90		40-140	17		50
Di-n-butylphthalate	100		84		40-140	17		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436259

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1942200-2 WG1942200-3								
Di-n-octylphthalate	98		81		40-140	19		50
Diethyl phthalate	94		80		40-140	16		50
Dimethyl phthalate	88		76		40-140	15		50
Benzo(a)anthracene	91		77		40-140	17		50
Benzo(a)pyrene	93		80		40-140	15		50
Benzo(b)fluoranthene	92		78		40-140	16		50
Benzo(k)fluoranthene	87		76		40-140	13		50
Chrysene	90		76		40-140	17		50
Acenaphthylene	80		69		40-140	15		50
Anthracene	99		84		40-140	16		50
Benzo(ghi)perylene	94		80		40-140	16		50
Fluorene	91		74		40-140	21		50
Phenanthrene	95		80		40-140	17		50
Dibenzo(a,h)anthracene	92		79		40-140	15		50
Indeno(1,2,3-cd)pyrene	98		83		40-140	17		50
Pyrene	106		90		35-142	16		50
Biphenyl	75		65		37-127	14		50
4-Chloroaniline	89		81		40-140	9		50
2-Nitroaniline	100		84		47-134	17		50
3-Nitroaniline	89		78		26-129	13		50
4-Nitroaniline	98		81		41-125	19		50
Dibenzofuran	89		75		40-140	17		50
2-Methylnaphthalene	83		71		40-140	16		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436259

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1942200-2 WG1942200-3								
1,2,4,5-Tetrachlorobenzene	86		75		40-117	14		50
Acetophenone	84		74		14-144	13		50
2,4,6-Trichlorophenol	101		87		30-130	15		50
p-Chloro-m-cresol	**105**	Q	90		26-103	15		50
2-Chlorophenol	88		79		25-102	11		50
2,4-Dichlorophenol	91		82		30-130	10		50
2,4-Dimethylphenol	106		97		30-130	9		50
2-Nitrophenol	101		90		30-130	12		50
4-Nitrophenol	**124**	Q	105		11-114	17		50
2,4-Dinitrophenol	83		63		4-130	27		50
4,6-Dinitro-o-cresol	116		97		10-130	18		50
Pentachlorophenol	85		71		17-109	18		50
Phenol	**94**	Q	83		26-90	12		50
2-Methylphenol	98		89		30-130.	10		50
3-Methylphenol/4-Methylphenol	96		86		30-130	11		50
2,4,5-Trichlorophenol	101		86		30-130	16		50
Carbazole	95		80		54-128	17		50
Atrazine	87		76		40-140	13		50
Benzaldehyde	79		70		40-140	12		50
Caprolactam	76		71		15-130	7		50
2,3,4,6-Tetrachlorophenol	114		95		40-140	18		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436259

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1942200-2 WG1942200-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	94		82		25-120
Phenol-d6	97		84		10-120
Nitrobenzene-d5	95		85		23-120
2-Fluorobiphenyl	81		70		30-120
2,4,6-Tribromophenol	104		87		10-136
4-Terphenyl-d14	100		84		18-120

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436259
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-02
Client ID: WW-4 3-5
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:50
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/03/24 09:30
Analyst: MHG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 07/02/24 22:02
Cleanup Method: EPA 3665A
Cleanup Date: 07/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.5	4.76	1	A
Aroclor 1221	ND		ug/kg	53.5	5.36	1	A
Aroclor 1232	ND		ug/kg	53.5	11.4	1	A
Aroclor 1242	ND		ug/kg	53.5	7.22	1	A
Aroclor 1248	ND		ug/kg	53.5	8.03	1	A
Aroclor 1254	ND		ug/kg	53.5	5.86	1	A
Aroclor 1260	ND		ug/kg	53.5	9.90	1	A
Aroclor 1262	ND		ug/kg	53.5	6.80	1	A
Aroclor 1268	ND		ug/kg	53.5	5.55	1	A
PCBs, Total	ND		ug/kg	53.5	4.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436259
Report Date: 07/03/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/03/24 07:56
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 07/02/24 20:36
Cleanup Method: EPA 3665A
Cleanup Date: 07/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02 Batch: WG1942556-1						
Aroclor 1016	ND		ug/kg	49.2	4.37	A
Aroclor 1221	ND		ug/kg	49.2	4.93	A
Aroclor 1232	ND		ug/kg	49.2	10.4	A
Aroclor 1242	ND		ug/kg	49.2	6.63	A
Aroclor 1248	ND		ug/kg	49.2	7.38	A
Aroclor 1254	ND		ug/kg	49.2	5.38	A
Aroclor 1260	ND		ug/kg	49.2	9.09	A
Aroclor 1262	ND		ug/kg	49.2	6.25	A
Aroclor 1268	ND		ug/kg	49.2	5.10	A
PCBs, Total	ND		ug/kg	49.2	4.37	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	80		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436259

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02 Batch: WG1942556-2 WG1942556-3									
Aroclor 1016	92		88		40-140	4		50	A
Aroclor 1260	81		80		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		76		30-150	A
Decachlorobiphenyl	71		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		83		30-150	B
Decachlorobiphenyl	80		81		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET
Lab Number: L2436259
Project Number: 4461.0001B002
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-01
Client ID: WW-3 3-5
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 12:40
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.28		mg/kg	0.917	0.191	2	07/02/24 10:45	07/03/24 12:26	EPA 3050B	1,6010D	DMC
Barium, Total	89.8		mg/kg	0.917	0.160	2	07/02/24 10:45	07/03/24 12:26	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.146	J	mg/kg	0.917	0.090	2	07/02/24 10:45	07/03/24 12:26	EPA 3050B	1,6010D	DMC
Chromium, Total	15.2		mg/kg	0.917	0.088	2	07/02/24 10:45	07/03/24 12:26	EPA 3050B	1,6010D	DMC
Lead, Total	13.9		mg/kg	4.58	0.246	2	07/02/24 10:45	07/03/24 12:26	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.075	0.049	1	07/02/24 11:25	07/03/24 01:15	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.83	0.236	2	07/02/24 10:45	07/03/24 12:26	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.458	0.259	2	07/02/24 10:45	07/03/24 12:26	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436259
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-02
Client ID: WW-4 3-5
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 12:50
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.73		mg/kg	0.888	0.185	2	07/02/24 10:45	07/03/24 13:09	EPA 3050B	1,6010D	DMC
Barium, Total	42.5		mg/kg	0.888	0.154	2	07/02/24 10:45	07/03/24 13:09	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.888	0.087	2	07/02/24 10:45	07/03/24 13:09	EPA 3050B	1,6010D	DMC
Chromium, Total	5.76		mg/kg	0.888	0.085	2	07/02/24 10:45	07/03/24 13:09	EPA 3050B	1,6010D	DMC
Lead, Total	8.26		mg/kg	4.44	0.238	2	07/02/24 10:45	07/03/24 13:09	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.073	0.047	1	07/02/24 11:25	07/03/24 01:19	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.78	0.229	2	07/02/24 10:45	07/03/24 13:09	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.444	0.251	2	07/02/24 10:45	07/03/24 13:09	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-03 Date Collected: 06/26/24 08:10

Client ID: BLIND DUP #2 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.37		mg/kg	0.903	0.188	2	07/02/24 10:45	07/03/24 13:15	EPA 3050B	1,6010D	DMC
Barium, Total	64.4		mg/kg	0.903	0.157	2	07/02/24 10:45	07/03/24 13:15	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.093	J	mg/kg	0.903	0.089	2	07/02/24 10:45	07/03/24 13:15	EPA 3050B	1,6010D	DMC
Chromium, Total	7.76		mg/kg	0.903	0.087	2	07/02/24 10:45	07/03/24 13:15	EPA 3050B	1,6010D	DMC
Lead, Total	8.78		mg/kg	4.52	0.242	2	07/02/24 10:45	07/03/24 13:15	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.074	0.048	1	07/02/24 11:25	07/03/24 01:22	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.81	0.233	2	07/02/24 10:45	07/03/24 13:15	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.452	0.256	2	07/02/24 10:45	07/03/24 13:15	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436259

Project Number: 4461.0001B002 **Report Date:** 07/03/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1940834-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/02/24 10:45	07/03/24 08:59	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	07/02/24 10:45	07/03/24 08:59	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/02/24 10:45	07/03/24 08:59	1,6010D	DMC
Chromium, Total	0.044	J	mg/kg	0.400	0.038	1	07/02/24 10:45	07/03/24 08:59	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	07/02/24 10:45	07/03/24 08:59	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/02/24 10:45	07/03/24 08:59	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	07/02/24 10:45	07/03/24 08:59	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1940835-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/02/24 11:25	07/02/24 23:56	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436259

Report Date: 07/03/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1940834-2								
Arsenic, Total	99		-		80-120	-		
Barium, Total	106		-		80-120	-		
Cadmium, Total	101		-		80-120	-		
Chromium, Total	105		-		80-120	-		
Lead, Total	102		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	106		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1940835-2								
Mercury, Total	101		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436259
Report Date: 07/03/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1940834-3 QC Sample: L2436139-01 Client ID: MS Sample												
Arsenic, Total	10.1	12.7	25.0	117		-	-		75-125	-		20
Barium, Total	84.4	212	314	108		-	-		75-125	-		20
Cadmium, Total	0.532J	5.62	6.06	108		-	-		75-125	-		20
Chromium, Total	13.0	21.2	36.5	111		-	-		75-125	-		20
Lead, Total	1320	56.2	1550	**410**	Q	-	-		75-125	-		20
Selenium, Total	0.854J	12.7	13.0	102		-	-		75-125	-		20
Silver, Total	0.371J	5.3	5.81	110		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1940835-3 QC Sample: L2436139-01 Client ID: MS Sample												
Mercury, Total	0.986	1.72	2.77	104		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436259
Report Date: 07/03/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1940834-4 QC Sample: L2436139-01 Client ID: DUP Sample						
Arsenic, Total	10.1	17.6	mg/kg	**54**	Q	20
Barium, Total	84.4	121	mg/kg	**36**	Q	20
Cadmium, Total	0.532J	0.653J	mg/kg	NC		20
Chromium, Total	13.0	15.3	mg/kg	16		20
Lead, Total	1320	1230	mg/kg	7		20
Selenium, Total	0.854J	1.13J	mg/kg	NC		20
Silver, Total	0.371J	0.370J	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1940835-4 QC Sample: L2436139-01 Client ID: DUP Sample						
Mercury, Total	0.986	0.794	mg/kg	**22**	Q	20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2436259
Report Date: 07/03/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1940834-6 QC Sample: L2436139-01 Client ID: DUP Sample						
Barium, Total	84.4	85.4	mg/kg	1		20
Lead, Total	1320	1300	mg/kg	2		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436259
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-01
Client ID: WW-3 3-5
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:40
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.9		%	0.100	NA	1	-	06/27/24 09:49	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436259
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-02
Client ID: WW-4 3-5
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:50
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	06/27/24 09:49	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436259
Report Date: 07/03/24

SAMPLE RESULTS

Lab ID: L2436259-03
Client ID: BLIND DUP #2
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 08:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	06/27/24 09:49	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436259

Report Date: 07/03/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1940101-1 QC Sample: L2436119-01 Client ID: DUP Sample						
Solids, Total	78.9	79.9	%	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436259
Report Date: 07/03/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436259-01A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2436259-01B	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7)
L2436259-02A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2436259-02B	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436259-02C	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436259-02X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436259-02Y	Vial Water preserved split	A	NA		4.3	Y	Absent	28-JUN-24 10:45	NYTCL-8260-R2(14)
L2436259-02Z	Vial Water preserved split	A	NA		4.3	Y	Absent	28-JUN-24 10:45	NYTCL-8260-R2(14)
L2436259-03A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436259-03B	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436259
Project Number:	4461.0001B002	**Report Date:**	07/03/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436259
Project Number:	4461.0001B002	**Report Date:**	07/03/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436259
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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436259
Project Number:	4461.0001B002	**Report Date:**	07/03/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 11 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 6/27/24

ALPHA Job #: L2436259

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone:
Fax:
Email: nmuniz@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project # 4461.0001B002
(Use Project name as Project #)
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [ ] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Regulatory Requirement
[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information
[ ] Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	TCL + CP-51 VOCs	PCBs	Total Bottle	Sample Specific Comments
36259-01	WW-3 3-5	6/26/24	1240	Soil	CEH	X	X				
-02	WW-4 3-5		1250	Soil	CEH	X	X	X	X		
-03	Blind Dup #2		0810	Soil	CEH	X	X				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
Dante Hardaeta	6-26-24 1545	Mike/PACE	6/26/24 1548
Mike/PACE	6/26/24 1545		6/27/24 0215

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2436264
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	06/28/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436264-01	AA B-16 6	SOIL	BUFFALO, NY	06/26/24 12:00	06/26/24
L2436264-02	AA B-17 6	SOIL	BUFFALO, NY	06/26/24 12:10	06/26/24
L2436264-03	AA B-18 4	SOIL	BUFFALO, NY	06/26/24 14:10	06/26/24
L2436264-04	AA B-19 4	SOIL	BUFFALO, NY	06/26/24 14:00	06/26/24
L2436264-05	AA B-22 6	SOIL	BUFFALO, NY	06/26/24 12:20	06/26/24
L2436264-06	AA B-23 6	SOIL	BUFFALO, NY	06/26/24 12:30	06/26/24
L2436264-07	AA B-24 6	SOIL	BUFFALO, NY	06/26/24 14:20	06/26/24
L2436264-08	BLIND DUP #1	SOIL	BUFFALO, NY	06/26/24 08:00	06/26/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436264
Project Number:	4461.0001B002	**Report Date:**	06/28/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436264
Project Number:	4461.0001B002	**Report Date:**	06/28/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2436264-01, -02, -03, -04, and -05: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2436264-01 through -08: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1940054-3 MS recovery, performed on L2436264-02, is outside the acceptance criteria for cadmium (74%). A post digestion spike was performed and was within acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 06/28/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-01
Client ID: AA B-16 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 11:56
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	0.60		ug/kg	0.50	0.17	1
Toluene	0.69	J	ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-01 Date Collected: 06/26/24 12:00

Client ID: AA B-16 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
Methyl Acetate	ND		ug/kg	4.0	0.96	1
Cyclohexane	ND		ug/kg	10	0.55	1
1,4-Dioxane	ND		ug/kg	81	35.	1
Freon-113	ND		ug/kg	4.0	0.70	1
Methyl cyclohexane	ND		ug/kg	4.0	0.61	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-02
Client ID: AA B-17 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 12:22
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	0.13	J	ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.12	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	0.52	J	ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-02 Date Collected: 06/26/24 12:10

Client ID: AA B-17 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.85	1
Acetone	4.5	J	ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.10	1
n-Propylbenzene	ND		ug/kg	0.92	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
Methyl Acetate	ND		ug/kg	3.7	0.88	1
Cyclohexane	ND		ug/kg	9.2	0.50	1
1,4-Dioxane	ND		ug/kg	74	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-03
Client ID: AA B-18 4
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 12:48
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	0.97	J	ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-03 Date Collected: 06/26/24 14:10

Client ID: AA B-18 4 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
Styrene	0.65	J	ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	ND		ug/kg	9.8	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
Methyl Acetate	ND		ug/kg	3.9	0.93	1
Cyclohexane	ND		ug/kg	9.8	0.53	1
1,4-Dioxane	ND		ug/kg	78	34.	1
Freon-113	ND		ug/kg	3.9	0.68	1
Methyl cyclohexane	ND		ug/kg	3.9	0.59	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-04
Client ID: AA B-19 4
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 13:14
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.90	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.90	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.90	0.11	1
Dibromochloromethane	ND		ug/kg	0.90	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.90	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.90	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.90	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	0.54	J	ug/kg	0.90	0.49	1
Ethylbenzene	ND		ug/kg	0.90	0.13	1
Chloromethane	ND		ug/kg	3.6	0.84	1
Bromomethane	ND		ug/kg	1.8	0.52	1
Vinyl chloride	ND		ug/kg	0.90	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.90	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-04 Date Collected: 06/26/24 14:00

Client ID: AA B-19 4 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.90	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.90	0.16	1
Styrene	ND		ug/kg	0.90	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.0	0.83	1
Acetone	ND		ug/kg	9.0	4.4	1
Carbon disulfide	ND		ug/kg	9.0	4.1	1
2-Butanone	ND		ug/kg	9.0	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.0	1.2	1
2-Hexanone	ND		ug/kg	9.0	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.90	0.25	1
n-Butylbenzene	ND		ug/kg	0.90	0.15	1
sec-Butylbenzene	ND		ug/kg	0.90	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.90	1
Isopropylbenzene	ND		ug/kg	0.90	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.90	0.10	1
n-Propylbenzene	ND		ug/kg	0.90	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
Methyl Acetate	ND		ug/kg	3.6	0.86	1
Cyclohexane	ND		ug/kg	9.0	0.49	1
1,4-Dioxane	ND		ug/kg	72	32.	1
Freon-113	ND		ug/kg	3.6	0.63	1
Methyl cyclohexane	ND		ug/kg	3.6	0.54	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-05
Client ID: AA B-22 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 13:40
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.16	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.93	0.50	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-05 Date Collected: 06/26/24 12:20

Client ID: AA B-22 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	6.4	J	ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
n-Butylbenzene	ND		ug/kg	0.93	0.16	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
n-Propylbenzene	ND		ug/kg	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
Methyl Acetate	ND		ug/kg	3.7	0.88	1
Cyclohexane	ND		ug/kg	9.3	0.50	1
1,4-Dioxane	ND		ug/kg	74	33.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	107		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 11:04
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG1940790-5					
Methylene chloride	3.1	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.45	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 11:04
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG1940790-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	0.56	J	ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 11:04
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG1940790-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG1940790-3 WG1940790-4								
Methylene chloride	95		95		70-130	0		30
1,1-Dichloroethane	86		84		70-130	2		30
Chloroform	90		89		70-130	1		30
Carbon tetrachloride	96		93		70-130	3		30
1,2-Dichloropropane	86		85		70-130	1		30
Dibromochloromethane	97		100		70-130	3		30
1,1,2-Trichloroethane	83		86		70-130	4		30
Tetrachloroethene	86		84		70-130	2		30
Chlorobenzene	93		92		70-130	1		30
Trichlorofluoromethane	93		90		70-139	3		30
1,2-Dichloroethane	79		80		70-130	1		30
1,1,1-Trichloroethane	96		94		70-130	2		30
Bromodichloromethane	90		90		70-130	0		30
trans-1,3-Dichloropropene	83		84		70-130	1		30
cis-1,3-Dichloropropene	80		80		70-130	0		30
Bromoform	83		86		70-130	4		30
1,1,2,2-Tetrachloroethane	82		85		70-130	4		30
Benzene	90		88		70-130	2		30
Toluene	90		89		70-130	1		30
Ethylbenzene	92		91		70-130	1		30
Chloromethane	91		88		52-130	3		30
Bromomethane	61		59		57-147	3		30
Vinyl chloride	76		73		67-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG1940790-3 WG1940790-4								
Chloroethane	76		74		50-151	3		30
1,1-Dichloroethene	88		85		65-135	3		30
trans-1,2-Dichloroethene	94		90		70-130	4		30
Trichloroethene	92		93		70-130	1		30
1,2-Dichlorobenzene	90		89		70-130	1		30
1,3-Dichlorobenzene	91		89		70-130	2		30
1,4-Dichlorobenzene	90		89		70-130	1		30
Methyl tert butyl ether	85		88		66-130	3		30
p/m-Xylene	89		87		70-130	2		30
o-Xylene	86		85		70-130	1		30
cis-1,2-Dichloroethene	93		91		70-130	2		30
Styrene	86		86		70-130	0		30
Dichlorodifluoromethane	92		89		30-146	3		30
Acetone	88		97		54-140	10		30
Carbon disulfide	88		86		59-130	2		30
2-Butanone	96		102		70-130	6		30
4-Methyl-2-pentanone	77		86		70-130	11		30
2-Hexanone	90		102		70-130	13		30
Bromochloromethane	100		102		70-130	2		30
1,2-Dibromoethane	93		96		70-130	3		30
n-Butylbenzene	96		93		70-130	3		30
sec-Butylbenzene	95		93		70-130	2		30
1,2-Dibromo-3-chloropropane	84		91		68-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG1940790-3 WG1940790-4								
Isopropylbenzene	87		84		70-130	4		30
p-Isopropyltoluene	89		86		70-130	3		30
n-Propylbenzene	93		91		70-130	2		30
1,2,3-Trichlorobenzene	85		86		70-130	1		30
1,2,4-Trichlorobenzene	91		90		70-130	1		30
1,3,5-Trimethylbenzene	92		91		70-130	1		30
1,2,4-Trimethylbenzene	91		89		70-130	2		30
Methyl Acetate	92		100		51-146	8		30
Cyclohexane	97		95		59-142	2		30
1,4-Dioxane	98		110		65-136	12		30
Freon-113	98		95		50-139	3		30
Methyl cyclohexane	92		89		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	83		84		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	104		104		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-01
Client ID: AA B-16 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 02:49
Analyst: LJG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-01 Date Collected: 06/26/24 12:00
Client ID: AA B-16 6 Date Received: 06/26/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-01 Date Collected: 06/26/24 12:00

Client ID: AA B-16 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	62		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-02
Client ID: AA B-17 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 04:00
Analyst: LJG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-02 Date Collected: 06/26/24 12:10

Client ID: AA B-17 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-02 Date Collected: 06/26/24 12:10

Client ID: AA B-17 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	66		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-03
Client ID: AA B-18 4
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 04:47
Analyst: LJG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-03 Date Collected: 06/26/24 14:10

Client ID: AA B-18 4 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-03 Date Collected: 06/26/24 14:10

Client ID: AA B-18 4 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	73		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-04
Client ID: AA B-19 4
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 06:22
Analyst: LJG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-04 Date Collected: 06/26/24 14:00
Client ID: AA B-19 4 Date Received: 06/26/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-04 Date Collected: 06/26/24 14:00

Client ID: AA B-19 4 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	78		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-05
Client ID: AA B-22 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 02:01
Analyst: LJG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-05 Date Collected: 06/26/24 12:20

Client ID: AA B-22 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-05 Date Collected: 06/26/24 12:20

Client ID: AA B-22 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	55		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-06
Client ID: AA B-23 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:30
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 05:11
Analyst: LJG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-06 Date Collected: 06/26/24 12:30
Client ID: AA B-23 6 Date Received: 06/26/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-06 Date Collected: 06/26/24 12:30

Client ID: AA B-23 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	70		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-07
Client ID: AA B-24 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 02:25
Analyst: LJG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-07 Date Collected: 06/26/24 14:20

Client ID: AA B-24 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-07 Date Collected: 06/26/24 14:20

Client ID: AA B-24 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	74		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-08
Client ID: BLIND DUP #1
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 08:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 04:24
Analyst: LJG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-08 Date Collected: 06/26/24 08:00

Client ID: BLIND DUP #1 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-08 Date Collected: 06/26/24 08:00

Client ID: BLIND DUP #1 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	62		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 23:38
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1940252-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 23:38
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1940252-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 23:38
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1940252-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	84		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1940252-2 WG1940252-3								
Acenaphthene	60		68		31-137	13		50
Hexachlorobenzene	52		58		40-140	11		50
Bis(2-chloroethyl)ether	58		70		40-140	19		50
2-Chloronaphthalene	64		74		40-140	14		50
3,3'-Dichlorobenzidine	61		66		40-140	8		50
2,4-Dinitrotoluene	67		76		40-132	13		50
2,6-Dinitrotoluene	67		76		40-140	13		50
Fluoranthene	68		77		40-140	12		50
4-Chlorophenyl phenyl ether	67		75		40-140	11		50
4-Bromophenyl phenyl ether	61		69		40-140	12		50
Bis(2-chloroisopropyl)ether	93		110		40-140	17		50
Bis(2-chloroethoxy)methane	64		74		40-117	14		50
Hexachlorobutadiene	69		82		40-140	17		50
Hexachlorocyclopentadiene	51		62		40-140	19		50
Hexachloroethane	59		70		40-140	17		50
Isophorone	67		75		40-140	11		50
Naphthalene	58		67		40-140	14		50
Nitrobenzene	67		78		40-140	15		50
NDPA/DPA	62		70		36-157	12		50
n-Nitrosodi-n-propylamine	69		80		32-121	15		50
Bis(2-ethylhexyl)phthalate	59		66		40-140	11		50
Butyl benzyl phthalate	69		77		40-140	11		50
Di-n-butylphthalate	73		83		40-140	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1940252-2 WG1940252-3								
Di-n-octylphthalate	60		67		40-140	11		50
Diethyl phthalate	65		73		40-140	12		50
Dimethyl phthalate	68		77		40-140	12		50
Benzo(a)anthracene	66		76		40-140	14		50
Benzo(a)pyrene	58		66		40-140	13		50
Benzo(b)fluoranthene	58		65		40-140	11		50
Benzo(k)fluoranthene	55		64		40-140	15		50
Chrysene	61		70		40-140	14		50
Acenaphthylene	65		74		40-140	13		50
Anthracene	65		72		40-140	10		50
Benzo(ghi)perylene	62		70		40-140	12		50
Fluorene	63		71		40-140	12		50
Phenanthrene	62		69		40-140	11		50
Dibenzo(a,h)anthracene	64		73		40-140	13		50
Indeno(1,2,3-cd)pyrene	63		71		40-140	12		50
Pyrene	68		76		35-142	11		50
Biphenyl	59		67		37-127	13		50
4-Chloroaniline	56		61		40-140	9		50
2-Nitroaniline	64		72		47-134	12		50
3-Nitroaniline	55		60		26-129	9		50
4-Nitroaniline	60		69		41-125	14		50
Dibenzofuran	61		70		40-140	14		50
2-Methylnaphthalene	63		73		40-140	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1940252-2 WG1940252-3								
1,2,4,5-Tetrachlorobenzene	63		73		40-117	15		50
Acetophenone	61		69		14-144	12		50
2,4,6-Trichlorophenol	72		82		30-130	13		50
p-Chloro-m-cresol	72		81		26-103	12		50
2-Chlorophenol	60		70		25-102	15		50
2,4-Dichlorophenol	65		75		30-130	14		50
2,4-Dimethylphenol	61		70		30-130	14		50
2-Nitrophenol	59		70		30-130	17		50
4-Nitrophenol	80		89		11-114	11		50
2,4-Dinitrophenol	59		65		4-130	10		50
4,6-Dinitro-o-cresol	62		71		10-130	14		50
Pentachlorophenol	55		63		17-109	14		50
Phenol	64		75		26-90	16		50
2-Methylphenol	65		76		30-130.	16		50
3-Methylphenol/4-Methylphenol	63		73		30-130	15		50
2,4,5-Trichlorophenol	72		81		30-130	12		50
Carbazole	62		70		54-128	12		50
Atrazine	65		73		40-140	12		50
Benzaldehyde	54		61		40-140	12		50
Caprolactam	94		109		15-130	15		50
2,3,4,6-Tetrachlorophenol	68		76		40-140	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1940252-2 WG1940252-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		70		25-120
Phenol-d6	63		74		10-120
Nitrobenzene-d5	62		75		23-120
2-Fluorobiphenyl	62		72		30-120
2,4,6-Tribromophenol	46		51		10-136
4-Terphenyl-d14	61		67		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1940252-4 WG1940252-5 QC Sample: L2436264-02 Client ID: AA B-17 6												
Acenaphthene	ND	1460	1300	89		1300	88		31-137	0		50
Hexachlorobenzene	ND	1460	1100	76		1000	68		40-140	10		50
Bis(2-chloroethyl)ether	ND	1460	1400	96		1300	88		40-140	7		50
2-Chloronaphthalene	ND	1460	1400	96		1400	95		40-140	0		50
3,3'-Dichlorobenzidine	ND	1460	1200	82		1200	82		40-140	0		50
2,4-Dinitrotoluene	ND	1460	1500	100		1400	95		40-132	7		50
2,6-Dinitrotoluene	ND	1460	1500	100		1400	95		40-140	7		50
Fluoranthene	ND	1460	1400	96		1400	95		40-140	0		50
4-Chlorophenyl phenyl ether	ND	1460	1400	96		1400	95		40-140	0		50
4-Bromophenyl phenyl ether	ND	1460	1300	89		1300	88		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1460	2100	140		2100	140		40-140	0		50
Bis(2-chloroethoxy)methane	ND	1460	1400	96		1400	95		40-117	0		50
Hexachlorobutadiene	ND	1460	1600	110		1500	100		40-140	6		50
Hexachlorocyclopentadiene	ND	1460	990	68		930	63		40-140	6		50
Hexachloroethane	ND	1460	1300	89		1300	88		40-140	0		50
Isophorone	ND	1460	1500	100		1400	95		40-140	7		50
Naphthalene	ND	1460	1300	89		1300	88		40-140	0		50
Nitrobenzene	ND	1460	1500	100		1500	100		40-140	0		50
NDPA/DPA	ND	1460	1400	96		1300	88		36-157	7		50
n-Nitrosodi-n-propylamine	ND	1460	1500	100		1500	100		32-121	0		50
Bis(2-ethylhexyl)phthalate	ND	1460	1200	82		1100	75		40-140	9		50
Butyl benzyl phthalate	ND	1460	1400	96		1400	95		40-140	0		50
Di-n-butylphthalate	ND	1460	1500	100		1500	100		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1940252-4 WG1940252-5 QC Sample: L2436264-02 Client ID: AA B-17 6												
Di-n-octylphthalate	ND	1460	1200	82		1200	82		40-140	0		50
Diethyl phthalate	ND	1460	1400	96		1400	95		40-140	0		50
Dimethyl phthalate	ND	1460	1500	100		1400	95		40-140	7		50
Benzo(a)anthracene	ND	1460	1400	96		1300	88		40-140	7		50
Benzo(a)pyrene	ND	1460	1200	82		1200	82		40-140	0		50
Benzo(b)fluoranthene	ND	1460	1200	82		1100	75		40-140	9		50
Benzo(k)fluoranthene	ND	1460	1100	76		1100	75		40-140	0		50
Chrysene	ND	1460	1200	82		1200	82		40-140	0		50
Acenaphthylene	ND	1460	1400	96		1300	88		40-140	7		50
Anthracene	ND	1460	1400	96		1300	88		40-140	7		50
Benzo(ghi)perylene	ND	1460	1200	82		1200	82		40-140	0		50
Fluorene	ND	1460	1400	96		1300	88		40-140	7		50
Phenanthrene	ND	1460	1300	89		1300	88		40-140	0		50
Dibenzo(a,h)anthracene	ND	1460	1300	89		1200	82		40-140	8		50
Indeno(1,2,3-cd)pyrene	ND	1460	1300	89		1200	82		40-140	8		50
Pyrene	ND	1460	1400	96		1400	95		35-142	0		50
Biphenyl	ND	1460	1300	89		1200	82		37-127	8		50
4-Chloroaniline	ND	1460	1200	82		1200	82		40-140	0		50
2-Nitroaniline	ND	1460	1400	96		1400	95		47-134	0		50
3-Nitroaniline	ND	1460	1200	82		1200	82		26-129	0		50
4-Nitroaniline	ND	1460	1400	96		1400	95		41-125	0		50
Dibenzofuran	ND	1460	1400	96		1300	88		40-140	7		50
2-Methylnaphthalene	ND	1460	1400	96		1400	95		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1940252-4 WG1940252-5 QC Sample: L2436264-02 Client ID: AA B-17 6												
1,2,4,5-Tetrachlorobenzene	ND	1460	1400	96		1300	88		40-117	7		50
Acetophenone	ND	1460	1400	96		1400	95		14-144	0		50
2,4,6-Trichlorophenol	ND	1460	1600	110		1500	100		30-130	6		50
p-Chloro-m-cresol	ND	1460	1600	**110**	Q	1500	100		26-103	6		50
2-Chlorophenol	ND	1460	1400	96		1400	95		25-102	0		50
2,4-Dichlorophenol	ND	1460	1400	96		1400	95		30-130	0		50
2,4-Dimethylphenol	ND	1460	1300	89		1300	88		30-130	0		50
2-Nitrophenol	ND	1460	1300	89		1300	88		30-130	0		50
4-Nitrophenol	ND	1460	1500	100		1500	100		11-114	0		50
2,4-Dinitrophenol	ND	1460	150J	10		150J	10		4-130	0		50
4,6-Dinitro-o-cresol	ND	1460	590	41		620	42		10-130	5		50
Pentachlorophenol	ND	1460	780	54		820	56		17-109	5		50
Phenol	ND	1460	1400	**96**	Q	1400	**95**	Q	26-90	0		50
2-Methylphenol	ND	1460	1500	100		1400	95		30-130.	7		50
3-Methylphenol/4-Methylphenol	ND	1460	1400	96		1400	95		30-130	0		50
2,4,5-Trichlorophenol	ND	1460	1500	100		1500	100		30-130	0		50
Carbazole	ND	1460	1400	96		1300	88		54-128	7		50
Atrazine	ND	1460	1400	96		1400	95		40-140	0		50
Benzaldehyde	ND	1460	1200	82		1200	82		40-140	0		50
Caprolactam	ND	1460	1900	130		1800	120		15-130	5		50
2,3,4,6-Tetrachlorophenol	ND	1460	1400	96		1400	95		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1940252-4 WG1940252-5 QC Sample: L2436264-02 Client ID: AA B-17 6												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	68		66		10-136
2-Fluorobiphenyl	92		86		30-120
2-Fluorophenol	95		92		25-120
4-Terphenyl-d14	84		79		18-120
Nitrobenzene-d5	99		96		23-120
Phenol-d6	97		95		10-120

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-01
Client ID: AA B-16 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/28/24 08:14
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 17:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.6	4.85	1	A
Aroclor 1221	ND		ug/kg	54.6	5.47	1	A
Aroclor 1232	ND		ug/kg	54.6	11.6	1	A
Aroclor 1242	ND		ug/kg	54.6	7.36	1	A
Aroclor 1248	ND		ug/kg	54.6	8.19	1	A
Aroclor 1254	ND		ug/kg	54.6	5.97	1	A
Aroclor 1260	ND		ug/kg	54.6	10.1	1	A
Aroclor 1262	ND		ug/kg	54.6	6.93	1	A
Aroclor 1268	ND		ug/kg	54.6	5.65	1	A
PCBs, Total	ND		ug/kg	54.6	4.85	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-02
Client ID: AA B-17 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/28/24 08:22
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 17:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.1	4.62	1	A
Aroclor 1221	ND		ug/kg	52.1	5.22	1	A
Aroclor 1232	ND		ug/kg	52.1	11.0	1	A
Aroclor 1242	ND		ug/kg	52.1	7.02	1	A
Aroclor 1248	ND		ug/kg	52.1	7.81	1	A
Aroclor 1254	ND		ug/kg	52.1	5.70	1	A
Aroclor 1260	ND		ug/kg	52.1	9.62	1	A
Aroclor 1262	ND		ug/kg	52.1	6.61	1	A
Aroclor 1268	ND		ug/kg	52.1	5.39	1	A
PCBs, Total	ND		ug/kg	52.1	4.62	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-03
Client ID: AA B-18 4
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/28/24 08:30
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 17:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.6	5.02	1	A
Aroclor 1221	ND		ug/kg	56.6	5.67	1	A
Aroclor 1232	ND		ug/kg	56.6	12.0	1	A
Aroclor 1242	ND		ug/kg	56.6	7.62	1	A
Aroclor 1248	ND		ug/kg	56.6	8.48	1	A
Aroclor 1254	ND		ug/kg	56.6	6.19	1	A
Aroclor 1260	ND		ug/kg	56.6	10.4	1	A
Aroclor 1262	ND		ug/kg	56.6	7.18	1	A
Aroclor 1268	ND		ug/kg	56.6	5.86	1	A
PCBs, Total	ND		ug/kg	56.6	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-04
Client ID: AA B-19 4
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/28/24 08:38
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 17:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.6	5.02	1	A
Aroclor 1221	ND		ug/kg	56.6	5.67	1	A
Aroclor 1232	ND		ug/kg	56.6	12.0	1	A
Aroclor 1242	ND		ug/kg	56.6	7.62	1	A
Aroclor 1248	ND		ug/kg	56.6	8.48	1	A
Aroclor 1254	ND		ug/kg	56.6	6.19	1	A
Aroclor 1260	ND		ug/kg	56.6	10.4	1	A
Aroclor 1262	ND		ug/kg	56.6	7.18	1	A
Aroclor 1268	ND		ug/kg	56.6	5.86	1	A
PCBs, Total	ND		ug/kg	56.6	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-05
Client ID: AA B-22 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/28/24 08:45
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 17:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.2	5.08	1	A
Aroclor 1221	ND		ug/kg	57.2	5.73	1	A
Aroclor 1232	ND		ug/kg	57.2	12.1	1	A
Aroclor 1242	ND		ug/kg	57.2	7.71	1	A
Aroclor 1248	ND		ug/kg	57.2	8.58	1	A
Aroclor 1254	ND		ug/kg	57.2	6.26	1	A
Aroclor 1260	ND		ug/kg	57.2	10.6	1	A
Aroclor 1262	ND		ug/kg	57.2	7.26	1	A
Aroclor 1268	ND		ug/kg	57.2	5.93	1	A
PCBs, Total	ND		ug/kg	57.2	5.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-08
Client ID: BLIND DUP #1
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 08:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/28/24 08:53
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 17:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.3	4.91	1	A
Aroclor 1221	ND		ug/kg	55.3	5.54	1	A
Aroclor 1232	ND		ug/kg	55.3	11.7	1	A
Aroclor 1242	ND		ug/kg	55.3	7.45	1	A
Aroclor 1248	ND		ug/kg	55.3	8.29	1	A
Aroclor 1254	ND		ug/kg	55.3	6.04	1	A
Aroclor 1260	ND		ug/kg	55.3	10.2	1	A
Aroclor 1262	ND		ug/kg	55.3	7.02	1	A
Aroclor 1268	ND		ug/kg	55.3	5.72	1	A
PCBs, Total	ND		ug/kg	55.3	4.91	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/28/24 06:24
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/27/24 17:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-05,08 Batch: WG1940495-1						
Aroclor 1016	ND		ug/kg	45.9	4.08	A
Aroclor 1221	ND		ug/kg	45.9	4.60	A
Aroclor 1232	ND		ug/kg	45.9	9.73	A
Aroclor 1242	ND		ug/kg	45.9	6.19	A
Aroclor 1248	ND		ug/kg	45.9	6.89	A
Aroclor 1254	ND		ug/kg	45.9	5.02	A
Aroclor 1260	ND		ug/kg	45.9	8.48	A
Aroclor 1262	ND		ug/kg	45.9	5.83	A
Aroclor 1268	ND		ug/kg	45.9	4.76	A
PCBs, Total	ND		ug/kg	45.9	4.08	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	85		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-05,08 Batch: WG1940495-2 WG1940495-3									
Aroclor 1016	74		82		40-140	10		50	A
Aroclor 1260	69		77		40-140	11		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		72		30-150	A
Decachlorobiphenyl	73		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		79		30-150	B
Decachlorobiphenyl	75		86		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-01
Client ID: AA B-16 6
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 12:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.34		mg/kg	0.909	0.189	2	06/27/24 10:25	06/27/24 18:18	EPA 3050B	1,6010D	JTS
Barium, Total	65.1		mg/kg	0.909	0.158	2	06/27/24 10:25	06/27/24 18:18	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.909	0.089	2	06/27/24 10:25	06/27/24 18:18	EPA 3050B	1,6010D	JTS
Chromium, Total	11.3		mg/kg	0.909	0.087	2	06/27/24 10:25	06/27/24 18:18	EPA 3050B	1,6010D	JTS
Lead, Total	14.2		mg/kg	4.54	0.244	2	06/27/24 10:25	06/27/24 18:18	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.073	0.047	1	06/27/24 12:05	06/28/24 08:57	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.82	0.234	2	06/27/24 10:25	06/27/24 18:18	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.454	0.257	2	06/27/24 10:25	06/27/24 18:18	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-02
Client ID: AA B-17 6
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 12:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.72		mg/kg	0.864	0.180	2	06/27/24 10:25	06/27/24 17:45	EPA 3050B	1,6010D	JTS
Barium, Total	66.9		mg/kg	0.864	0.150	2	06/27/24 10:25	06/27/24 17:45	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.864	0.085	2	06/27/24 10:25	06/27/24 17:45	EPA 3050B	1,6010D	JTS
Chromium, Total	9.53		mg/kg	0.864	0.083	2	06/27/24 10:25	06/27/24 17:45	EPA 3050B	1,6010D	JTS
Lead, Total	12.2		mg/kg	4.32	0.232	2	06/27/24 10:25	06/27/24 17:45	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.071	0.046	1	06/27/24 12:05	06/28/24 08:25	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.73	0.223	2	06/27/24 10:25	06/27/24 17:45	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.432	0.244	2	06/27/24 10:25	06/27/24 17:45	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-03
Client ID: AA B-18 4
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 14:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.66		mg/kg	0.888	0.185	2	06/27/24 10:25	06/27/24 18:22	EPA 3050B	1,6010D	JTS
Barium, Total	44.6		mg/kg	0.888	0.154	2	06/27/24 10:25	06/27/24 18:22	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.888	0.087	2	06/27/24 10:25	06/27/24 18:22	EPA 3050B	1,6010D	JTS
Chromium, Total	7.20		mg/kg	0.888	0.085	2	06/27/24 10:25	06/27/24 18:22	EPA 3050B	1,6010D	JTS
Lead, Total	12.6		mg/kg	4.44	0.238	2	06/27/24 10:25	06/27/24 18:22	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.073	0.048	1	06/27/24 12:05	06/28/24 09:00	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.78	0.229	2	06/27/24 10:25	06/27/24 18:22	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.444	0.251	2	06/27/24 10:25	06/27/24 18:22	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-04
Client ID: AA B-19 4
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 14:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.22		mg/kg	0.905	0.188	2	06/27/24 10:25	06/27/24 18:26	EPA 3050B	1,6010D	JTS
Barium, Total	99.2		mg/kg	0.905	0.157	2	06/27/24 10:25	06/27/24 18:26	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.905	0.089	2	06/27/24 10:25	06/27/24 18:26	EPA 3050B	1,6010D	JTS
Chromium, Total	16.7		mg/kg	0.905	0.087	2	06/27/24 10:25	06/27/24 18:26	EPA 3050B	1,6010D	JTS
Lead, Total	13.6		mg/kg	4.52	0.242	2	06/27/24 10:25	06/27/24 18:26	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.073	0.048	1	06/27/24 12:05	06/28/24 09:03	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.81	0.233	2	06/27/24 10:25	06/27/24 18:26	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.452	0.256	2	06/27/24 10:25	06/27/24 18:26	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-05
Client ID: AA B-22 6
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 12:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.23		mg/kg	0.905	0.188	2	06/27/24 10:25	06/27/24 18:30	EPA 3050B	1,6010D	JTS
Barium, Total	82.2		mg/kg	0.905	0.157	2	06/27/24 10:25	06/27/24 18:30	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.905	0.089	2	06/27/24 10:25	06/27/24 18:30	EPA 3050B	1,6010D	JTS
Chromium, Total	12.6		mg/kg	0.905	0.087	2	06/27/24 10:25	06/27/24 18:30	EPA 3050B	1,6010D	JTS
Lead, Total	13.8		mg/kg	4.52	0.242	2	06/27/24 10:25	06/27/24 18:30	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.074	0.048	1	06/27/24 12:05	06/28/24 09:07	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.81	0.233	2	06/27/24 10:25	06/27/24 18:30	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.452	0.256	2	06/27/24 10:25	06/27/24 18:30	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-06
Client ID: AA B-23 6
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 12:30
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.24		mg/kg	0.899	0.187	2	06/27/24 10:25	06/27/24 18:33	EPA 3050B	1,6010D	JTS
Barium, Total	74.2		mg/kg	0.899	0.156	2	06/27/24 10:25	06/27/24 18:33	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.899	0.088	2	06/27/24 10:25	06/27/24 18:33	EPA 3050B	1,6010D	JTS
Chromium, Total	12.0		mg/kg	0.899	0.086	2	06/27/24 10:25	06/27/24 18:33	EPA 3050B	1,6010D	JTS
Lead, Total	13.7		mg/kg	4.50	0.241	2	06/27/24 10:25	06/27/24 18:33	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.073	0.048	1	06/27/24 12:05	06/28/24 09:10	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.80	0.232	2	06/27/24 10:25	06/27/24 18:33	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.450	0.254	2	06/27/24 10:25	06/27/24 18:33	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-07
Client ID: AA B-24 6
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 14:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.83		mg/kg	0.887	0.184	2	06/27/24 10:25	06/27/24 18:37	EPA 3050B	1,6010D	JTS
Barium, Total	61.2		mg/kg	0.887	0.154	2	06/27/24 10:25	06/27/24 18:37	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.887	0.087	2	06/27/24 10:25	06/27/24 18:37	EPA 3050B	1,6010D	JTS
Chromium, Total	9.10		mg/kg	0.887	0.085	2	06/27/24 10:25	06/27/24 18:37	EPA 3050B	1,6010D	JTS
Lead, Total	15.5		mg/kg	4.43	0.238	2	06/27/24 10:25	06/27/24 18:37	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/27/24 12:05	06/28/24 09:13	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.77	0.229	2	06/27/24 10:25	06/27/24 18:37	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.443	0.251	2	06/27/24 10:25	06/27/24 18:37	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-08
Client ID: BLIND DUP #1
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 08:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.88		mg/kg	0.864	0.180	2	06/27/24 10:25	06/27/24 18:41	EPA 3050B	1,6010D	JTS
Barium, Total	72.3		mg/kg	0.864	0.150	2	06/27/24 10:25	06/27/24 18:41	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.864	0.085	2	06/27/24 10:25	06/27/24 18:41	EPA 3050B	1,6010D	JTS
Chromium, Total	11.1		mg/kg	0.864	0.083	2	06/27/24 10:25	06/27/24 18:41	EPA 3050B	1,6010D	JTS
Lead, Total	13.6		mg/kg	4.32	0.232	2	06/27/24 10:25	06/27/24 18:41	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/27/24 12:05	06/28/24 09:17	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.73	0.223	2	06/27/24 10:25	06/27/24 18:41	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.432	0.245	2	06/27/24 10:25	06/27/24 18:41	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1940054-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/27/24 10:25	06/27/24 17:32	1,6010D	JTS
Barium, Total	ND		mg/kg	0.400	0.070	1	06/27/24 10:25	06/27/24 17:32	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/27/24 10:25	06/27/24 17:32	1,6010D	JTS
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/27/24 10:25	06/27/24 17:32	1,6010D	JTS
Lead, Total	ND		mg/kg	2.00	0.107	1	06/27/24 10:25	06/27/24 17:32	1,6010D	JTS
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/27/24 10:25	06/27/24 17:32	1,6010D	JTS
Silver, Total	ND		mg/kg	0.200	0.113	1	06/27/24 10:25	06/27/24 17:32	1,6010D	JTS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1940057-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/27/24 12:05	06/28/24 08:18	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1940054-2								
Arsenic, Total	104		-		80-120	-		
Barium, Total	111		-		80-120	-		
Cadmium, Total	108		-		80-120	-		
Chromium, Total	108		-		80-120	-		
Lead, Total	104		-		80-120	-		
Selenium, Total	104		-		80-120	-		
Silver, Total	109		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1940057-2								
Mercury, Total	100		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1940054-3 WG1940054-4 QC Sample: L2436264-02 Client ID: AA B-17 6												
Arsenic, Total	2.72	10.2	12.2	93		13.5	106		75-125	10		20
Barium, Total	66.9	170	210	84		234	98		75-125	11		20
Cadmium, Total	ND	4.51	3.33	**74**	Q	3.66	81		75-125	9		20
Chromium, Total	9.53	17	22.3	75		25.2	92		75-125	12		20
Lead, Total	12.2	45.1	48.7	81		54.6	94		75-125	11		20
Selenium, Total	ND	10.2	8.87	87		9.97	98		75-125	12		20
Silver, Total	ND	4.26	3.91	92		4.40	103		75-125	12		20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1940057-3 WG1940057-4 QC Sample: L2436264-02 Client ID: AA B-17 6												
Mercury, Total	ND	1.42	1.45	102		1.42	100		80-120	2		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2436264
Report Date: 06/28/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1940054-6 QC Sample: L2436264-02 Client ID: AA B-17 6						
Barium, Total	66.9	69.5	mg/kg	4		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-01
Client ID: AA B-16 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	06/27/24 07:14	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-02
Client ID: AA B-17 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	06/27/24 07:14	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-03
Client ID: AA B-18 4
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	06/27/24 07:14	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-04
Client ID: AA B-19 4
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	06/27/24 07:14	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-05
Client ID: AA B-22 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	06/27/24 07:14	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-06
Client ID: AA B-23 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:30
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	06/27/24 07:14	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-07
Client ID: AA B-24 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	06/27/24 07:14	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-08
Client ID: BLIND DUP #1
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 08:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.7		%	0.100	NA	1	-	06/27/24 07:14	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1940096-1 QC Sample: L2436264-02 Client ID: AA B-17 6						
Solids, Total	89.0	89.1	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436264-01A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436264-01B	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-01C	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436264-01X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-01Y	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)
L2436264-01Z	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)
L2436264-02A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436264-02A1	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436264-02B	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-02C	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436264-02C1	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7)
L2436264-02X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-02Y	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)
L2436264-02Z	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)
L2436264-03A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436264-03B	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-03C	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436264-03X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-03Y	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)
L2436264-03Z	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436264-04A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2436264-04B	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-04C	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436264-04X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-04Y	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)
L2436264-04Z	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)
L2436264-05A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436264-05B	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-05C	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436264-05X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-05Y	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)
L2436264-05Z	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)
L2436264-06A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436264-06B	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7)
L2436264-07A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2436264-07B	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7)
L2436264-08A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436264-08B	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436264
Project Number:	4461.0001B002	**Report Date:**	06/28/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436264
Project Number:	4461.0001B002	**Report Date:**	06/28/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436264
Project Number:	4461.0001B002	**Report Date:**	06/28/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436264
Project Number:	4461.0001B002	**Report Date:**	06/28/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 06/27/24

ALPHA Job #: L2436264

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: Amurley@rouxinc.com

Project Information
Project Name: 1681-1689 main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #)
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☒ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+CP-51 VOCs	TCL SVOCs	RCRA metals	PCBs	Total Bottle	Sample Specific Comments
36264-01	AA B-16 6	6/26/24	1200	Soil	CEH	X	X	X	X		
-02	AA B-17 6		1210			X	X	X	X		
-02 -03	AA B-17 6 MS/MSD		1210				X	X			
-03 -04	AA B-18 4		1410			X	X	X	X		
-04 -05	AA B-19 4		1400			X	X	X	X		
-05 -06	AA B-22 6		1220			X	X	X	X		
-06 -07	AA B-23 6		1230				X	X			
-07 -08	AA B-24 6		1420				X	X			
-08 -09	Blind Dup #1		0800				X	X	X		
MWDP											

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Charles Hochreiter	6/26/24 1545	MM/AL PACE	6/26/24 1545
MM/AL PACE	6/26/24 1545		6/27/24 0925

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2436264
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	06/28/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436264-01	AA B-16 6	SOIL	BUFFALO, NY	06/26/24 12:00	06/26/24
L2436264-02	AA B-17 6	SOIL	BUFFALO, NY	06/26/24 12:10	06/26/24
L2436264-03	AA B-18 4	SOIL	BUFFALO, NY	06/26/24 14:10	06/26/24
L2436264-04	AA B-19 4	SOIL	BUFFALO, NY	06/26/24 14:00	06/26/24
L2436264-05	AA B-22 6	SOIL	BUFFALO, NY	06/26/24 12:20	06/26/24
L2436264-06	AA B-23 6	SOIL	BUFFALO, NY	06/26/24 12:30	06/26/24
L2436264-07	AA B-24 6	SOIL	BUFFALO, NY	06/26/24 14:20	06/26/24
L2436264-08	BLIND DUP #1	SOIL	BUFFALO, NY	06/26/24 08:00	06/26/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436264
Project Number:	4461.0001B002	**Report Date:**	06/28/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436264
Project Number:	4461.0001B002	**Report Date:**	06/28/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2436264-01, -02, -03, -04, and -05: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2436264-01 through -08: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1940054-3 MS recovery, performed on L2436264-02, is outside the acceptance criteria for cadmium (74%). A post digestion spike was performed and was within acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 06/28/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-01
Client ID: AA B-16 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 11:56
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	0.60		ug/kg	0.50	0.17	1
Toluene	0.69	J	ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-01 Date Collected: 06/26/24 12:00

Client ID: AA B-16 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
Methyl Acetate	ND		ug/kg	4.0	0.96	1
Cyclohexane	ND		ug/kg	10	0.55	1
1,4-Dioxane	ND		ug/kg	81	35.	1
Freon-113	ND		ug/kg	4.0	0.70	1
Methyl cyclohexane	ND		ug/kg	4.0	0.61	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-02
Client ID: AA B-17 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 12:22
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	0.13	J	ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.12	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	0.52	J	ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-02 Date Collected: 06/26/24 12:10

Client ID: AA B-17 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.85	1
Acetone	4.5	J	ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.10	1
n-Propylbenzene	ND		ug/kg	0.92	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
Methyl Acetate	ND		ug/kg	3.7	0.88	1
Cyclohexane	ND		ug/kg	9.2	0.50	1
1,4-Dioxane	ND		ug/kg	74	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-03
Client ID: AA B-18 4
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 12:48
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	0.97	J	ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-03 Date Collected: 06/26/24 14:10

Client ID: AA B-18 4 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
Styrene	0.65	J	ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.4	1
2-Butanone	ND		ug/kg	9.8	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
Methyl Acetate	ND		ug/kg	3.9	0.93	1
Cyclohexane	ND		ug/kg	9.8	0.53	1
1,4-Dioxane	ND		ug/kg	78	34.	1
Freon-113	ND		ug/kg	3.9	0.68	1
Methyl cyclohexane	ND		ug/kg	3.9	0.59	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-04
Client ID: AA B-19 4
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 13:14
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.90	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.90	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.90	0.11	1
Dibromochloromethane	ND		ug/kg	0.90	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.90	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.90	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.90	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	0.54	J	ug/kg	0.90	0.49	1
Ethylbenzene	ND		ug/kg	0.90	0.13	1
Chloromethane	ND		ug/kg	3.6	0.84	1
Bromomethane	ND		ug/kg	1.8	0.52	1
Vinyl chloride	ND		ug/kg	0.90	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.90	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-04 Date Collected: 06/26/24 14:00

Client ID: AA B-19 4 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.90	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.90	0.16	1
Styrene	ND		ug/kg	0.90	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.0	0.83	1
Acetone	ND		ug/kg	9.0	4.4	1
Carbon disulfide	ND		ug/kg	9.0	4.1	1
2-Butanone	ND		ug/kg	9.0	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.0	1.2	1
2-Hexanone	ND		ug/kg	9.0	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.90	0.25	1
n-Butylbenzene	ND		ug/kg	0.90	0.15	1
sec-Butylbenzene	ND		ug/kg	0.90	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.90	1
Isopropylbenzene	ND		ug/kg	0.90	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.90	0.10	1
n-Propylbenzene	ND		ug/kg	0.90	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
Methyl Acetate	ND		ug/kg	3.6	0.86	1
Cyclohexane	ND		ug/kg	9.0	0.49	1
1,4-Dioxane	ND		ug/kg	72	32.	1
Freon-113	ND		ug/kg	3.6	0.63	1
Methyl cyclohexane	ND		ug/kg	3.6	0.54	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-05
Client ID: AA B-22 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/27/24 13:40
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.16	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.93	0.50	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-05 Date Collected: 06/26/24 12:20

Client ID: AA B-22 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	6.4	J	ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
n-Butylbenzene	ND		ug/kg	0.93	0.16	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
n-Propylbenzene	ND		ug/kg	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
Methyl Acetate	ND		ug/kg	3.7	0.88	1
Cyclohexane	ND		ug/kg	9.3	0.50	1
1,4-Dioxane	ND		ug/kg	74	33.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	107		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 11:04
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG1940790-5					
Methylene chloride	3.1	J	ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.45	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 11:04
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG1940790-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	0.56	J	ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/27/24 11:04
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05 Batch: WG1940790-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG1940790-3 WG1940790-4								
Methylene chloride	95		95		70-130	0		30
1,1-Dichloroethane	86		84		70-130	2		30
Chloroform	90		89		70-130	1		30
Carbon tetrachloride	96		93		70-130	3		30
1,2-Dichloropropane	86		85		70-130	1		30
Dibromochloromethane	97		100		70-130	3		30
1,1,2-Trichloroethane	83		86		70-130	4		30
Tetrachloroethene	86		84		70-130	2		30
Chlorobenzene	93		92		70-130	1		30
Trichlorofluoromethane	93		90		70-139	3		30
1,2-Dichloroethane	79		80		70-130	1		30
1,1,1-Trichloroethane	96		94		70-130	2		30
Bromodichloromethane	90		90		70-130	0		30
trans-1,3-Dichloropropene	83		84		70-130	1		30
cis-1,3-Dichloropropene	80		80		70-130	0		30
Bromoform	83		86		70-130	4		30
1,1,2,2-Tetrachloroethane	82		85		70-130	4		30
Benzene	90		88		70-130	2		30
Toluene	90		89		70-130	1		30
Ethylbenzene	92		91		70-130	1		30
Chloromethane	91		88		52-130	3		30
Bromomethane	61		59		57-147	3		30
Vinyl chloride	76		73		67-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG1940790-3 WG1940790-4								
Chloroethane	76		74		50-151	3		30
1,1-Dichloroethene	88		85		65-135	3		30
trans-1,2-Dichloroethene	94		90		70-130	4		30
Trichloroethene	92		93		70-130	1		30
1,2-Dichlorobenzene	90		89		70-130	1		30
1,3-Dichlorobenzene	91		89		70-130	2		30
1,4-Dichlorobenzene	90		89		70-130	1		30
Methyl tert butyl ether	85		88		66-130	3		30
p/m-Xylene	89		87		70-130	2		30
o-Xylene	86		85		70-130	1		30
cis-1,2-Dichloroethene	93		91		70-130	2		30
Styrene	86		86		70-130	0		30
Dichlorodifluoromethane	92		89		30-146	3		30
Acetone	88		97		54-140	10		30
Carbon disulfide	88		86		59-130	2		30
2-Butanone	96		102		70-130	6		30
4-Methyl-2-pentanone	77		86		70-130	11		30
2-Hexanone	90		102		70-130	13		30
Bromochloromethane	100		102		70-130	2		30
1,2-Dibromoethane	93		96		70-130	3		30
n-Butylbenzene	96		93		70-130	3		30
sec-Butylbenzene	95		93		70-130	2		30
1,2-Dibromo-3-chloropropane	84		91		68-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05 Batch: WG1940790-3 WG1940790-4								
Isopropylbenzene	87		84		70-130	4		30
p-Isopropyltoluene	89		86		70-130	3		30
n-Propylbenzene	93		91		70-130	2		30
1,2,3-Trichlorobenzene	85		86		70-130	1		30
1,2,4-Trichlorobenzene	91		90		70-130	1		30
1,3,5-Trimethylbenzene	92		91		70-130	1		30
1,2,4-Trimethylbenzene	91		89		70-130	2		30
Methyl Acetate	92		100		51-146	8		30
Cyclohexane	97		95		59-142	2		30
1,4-Dioxane	98		110		65-136	12		30
Freon-113	98		95		50-139	3		30
Methyl cyclohexane	92		89		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	83		84		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	104		104		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-01
Client ID: AA B-16 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 02:49
Analyst: LJG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-01 Date Collected: 06/26/24 12:00
Client ID: AA B-16 6 Date Received: 06/26/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-01 Date Collected: 06/26/24 12:00

Client ID: AA B-16 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	52		10-136
4-Terphenyl-d14	62		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-02
Client ID: AA B-17 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 04:00
Analyst: LJG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-02 Date Collected: 06/26/24 12:10

Client ID: AA B-17 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-02 Date Collected: 06/26/24 12:10

Client ID: AA B-17 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	66		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-03
Client ID: AA B-18 4
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 04:47
Analyst: LJG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-03 Date Collected: 06/26/24 14:10

Client ID: AA B-18 4 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-03 Date Collected: 06/26/24 14:10

Client ID: AA B-18 4 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	73		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-04
Client ID: AA B-19 4
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 06:22
Analyst: LJG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-04 Date Collected: 06/26/24 14:00
Client ID: AA B-19 4 Date Received: 06/26/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-04 Date Collected: 06/26/24 14:00

Client ID: AA B-19 4 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	78		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-05
Client ID: AA B-22 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 02:01
Analyst: LJG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-05 Date Collected: 06/26/24 12:20

Client ID: AA B-22 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-05 Date Collected: 06/26/24 12:20

Client ID: AA B-22 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	55		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-06
Client ID: AA B-23 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:30
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 05:11
Analyst: LJG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-06 Date Collected: 06/26/24 12:30
Client ID: AA B-23 6 Date Received: 06/26/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-06 Date Collected: 06/26/24 12:30

Client ID: AA B-23 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	70		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-07
Client ID: AA B-24 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 02:25
Analyst: LJG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-07 Date Collected: 06/26/24 14:20

Client ID: AA B-24 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-07 Date Collected: 06/26/24 14:20

Client ID: AA B-24 6 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	74		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-08
Client ID: BLIND DUP #1
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 08:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/28/24 04:24
Analyst: LJG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-08 Date Collected: 06/26/24 08:00

Client ID: BLIND DUP #1 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-08 Date Collected: 06/26/24 08:00

Client ID: BLIND DUP #1 Date Received: 06/26/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	62		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 23:38
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1940252-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 23:38
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1940252-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/27/24 23:38
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 06/27/24 10:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1940252-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	84		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1940252-2 WG1940252-3								
Acenaphthene	60		68		31-137	13		50
Hexachlorobenzene	52		58		40-140	11		50
Bis(2-chloroethyl)ether	58		70		40-140	19		50
2-Chloronaphthalene	64		74		40-140	14		50
3,3'-Dichlorobenzidine	61		66		40-140	8		50
2,4-Dinitrotoluene	67		76		40-132	13		50
2,6-Dinitrotoluene	67		76		40-140	13		50
Fluoranthene	68		77		40-140	12		50
4-Chlorophenyl phenyl ether	67		75		40-140	11		50
4-Bromophenyl phenyl ether	61		69		40-140	12		50
Bis(2-chloroisopropyl)ether	93		110		40-140	17		50
Bis(2-chloroethoxy)methane	64		74		40-117	14		50
Hexachlorobutadiene	69		82		40-140	17		50
Hexachlorocyclopentadiene	51		62		40-140	19		50
Hexachloroethane	59		70		40-140	17		50
Isophorone	67		75		40-140	11		50
Naphthalene	58		67		40-140	14		50
Nitrobenzene	67		78		40-140	15		50
NDPA/DPA	62		70		36-157	12		50
n-Nitrosodi-n-propylamine	69		80		32-121	15		50
Bis(2-ethylhexyl)phthalate	59		66		40-140	11		50
Butyl benzyl phthalate	69		77		40-140	11		50
Di-n-butylphthalate	73		83		40-140	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1940252-2 WG1940252-3								
Di-n-octylphthalate	60		67		40-140	11		50
Diethyl phthalate	65		73		40-140	12		50
Dimethyl phthalate	68		77		40-140	12		50
Benzo(a)anthracene	66		76		40-140	14		50
Benzo(a)pyrene	58		66		40-140	13		50
Benzo(b)fluoranthene	58		65		40-140	11		50
Benzo(k)fluoranthene	55		64		40-140	15		50
Chrysene	61		70		40-140	14		50
Acenaphthylene	65		74		40-140	13		50
Anthracene	65		72		40-140	10		50
Benzo(ghi)perylene	62		70		40-140	12		50
Fluorene	63		71		40-140	12		50
Phenanthrene	62		69		40-140	11		50
Dibenzo(a,h)anthracene	64		73		40-140	13		50
Indeno(1,2,3-cd)pyrene	63		71		40-140	12		50
Pyrene	68		76		35-142	11		50
Biphenyl	59		67		37-127	13		50
4-Chloroaniline	56		61		40-140	9		50
2-Nitroaniline	64		72		47-134	12		50
3-Nitroaniline	55		60		26-129	9		50
4-Nitroaniline	60		69		41-125	14		50
Dibenzofuran	61		70		40-140	14		50
2-Methylnaphthalene	63		73		40-140	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1940252-2 WG1940252-3								
1,2,4,5-Tetrachlorobenzene	63		73		40-117	15		50
Acetophenone	61		69		14-144	12		50
2,4,6-Trichlorophenol	72		82		30-130	13		50
p-Chloro-m-cresol	72		81		26-103	12		50
2-Chlorophenol	60		70		25-102	15		50
2,4-Dichlorophenol	65		75		30-130	14		50
2,4-Dimethylphenol	61		70		30-130	14		50
2-Nitrophenol	59		70		30-130	17		50
4-Nitrophenol	80		89		11-114	11		50
2,4-Dinitrophenol	59		65		4-130	10		50
4,6-Dinitro-o-cresol	62		71		10-130	14		50
Pentachlorophenol	55		63		17-109	14		50
Phenol	64		75		26-90	16		50
2-Methylphenol	65		76		30-130.	16		50
3-Methylphenol/4-Methylphenol	63		73		30-130	15		50
2,4,5-Trichlorophenol	72		81		30-130	12		50
Carbazole	62		70		54-128	12		50
Atrazine	65		73		40-140	12		50
Benzaldehyde	54		61		40-140	12		50
Caprolactam	94		109		15-130	15		50
2,3,4,6-Tetrachlorophenol	68		76		40-140	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1940252-2 WG1940252-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		70		25-120
Phenol-d6	63		74		10-120
Nitrobenzene-d5	62		75		23-120
2-Fluorobiphenyl	62		72		30-120
2,4,6-Tribromophenol	46		51		10-136
4-Terphenyl-d14	61		67		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1940252-4 WG1940252-5 QC Sample: L2436264-02 Client ID: AA B-17 6												
Acenaphthene	ND	1460	1300	89		1300	88		31-137	0		50
Hexachlorobenzene	ND	1460	1100	76		1000	68		40-140	10		50
Bis(2-chloroethyl)ether	ND	1460	1400	96		1300	88		40-140	7		50
2-Chloronaphthalene	ND	1460	1400	96		1400	95		40-140	0		50
3,3'-Dichlorobenzidine	ND	1460	1200	82		1200	82		40-140	0		50
2,4-Dinitrotoluene	ND	1460	1500	100		1400	95		40-132	7		50
2,6-Dinitrotoluene	ND	1460	1500	100		1400	95		40-140	7		50
Fluoranthene	ND	1460	1400	96		1400	95		40-140	0		50
4-Chlorophenyl phenyl ether	ND	1460	1400	96		1400	95		40-140	0		50
4-Bromophenyl phenyl ether	ND	1460	1300	89		1300	88		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1460	2100	140		2100	140		40-140	0		50
Bis(2-chloroethoxy)methane	ND	1460	1400	96		1400	95		40-117	0		50
Hexachlorobutadiene	ND	1460	1600	110		1500	100		40-140	6		50
Hexachlorocyclopentadiene	ND	1460	990	68		930	63		40-140	6		50
Hexachloroethane	ND	1460	1300	89		1300	88		40-140	0		50
Isophorone	ND	1460	1500	100		1400	95		40-140	7		50
Naphthalene	ND	1460	1300	89		1300	88		40-140	0		50
Nitrobenzene	ND	1460	1500	100		1500	100		40-140	0		50
NDPA/DPA	ND	1460	1400	96		1300	88		36-157	7		50
n-Nitrosodi-n-propylamine	ND	1460	1500	100		1500	100		32-121	0		50
Bis(2-ethylhexyl)phthalate	ND	1460	1200	82		1100	75		40-140	9		50
Butyl benzyl phthalate	ND	1460	1400	96		1400	95		40-140	0		50
Di-n-butylphthalate	ND	1460	1500	100		1500	100		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1940252-4 WG1940252-5 QC Sample: L2436264-02 Client ID: AA B-17 6												
Di-n-octylphthalate	ND	1460	1200	82		1200	82		40-140	0		50
Diethyl phthalate	ND	1460	1400	96		1400	95		40-140	0		50
Dimethyl phthalate	ND	1460	1500	100		1400	95		40-140	7		50
Benzo(a)anthracene	ND	1460	1400	96		1300	88		40-140	7		50
Benzo(a)pyrene	ND	1460	1200	82		1200	82		40-140	0		50
Benzo(b)fluoranthene	ND	1460	1200	82		1100	75		40-140	9		50
Benzo(k)fluoranthene	ND	1460	1100	76		1100	75		40-140	0		50
Chrysene	ND	1460	1200	82		1200	82		40-140	0		50
Acenaphthylene	ND	1460	1400	96		1300	88		40-140	7		50
Anthracene	ND	1460	1400	96		1300	88		40-140	7		50
Benzo(ghi)perylene	ND	1460	1200	82		1200	82		40-140	0		50
Fluorene	ND	1460	1400	96		1300	88		40-140	7		50
Phenanthrene	ND	1460	1300	89		1300	88		40-140	0		50
Dibenzo(a,h)anthracene	ND	1460	1300	89		1200	82		40-140	8		50
Indeno(1,2,3-cd)pyrene	ND	1460	1300	89		1200	82		40-140	8		50
Pyrene	ND	1460	1400	96		1400	95		35-142	0		50
Biphenyl	ND	1460	1300	89		1200	82		37-127	8		50
4-Chloroaniline	ND	1460	1200	82		1200	82		40-140	0		50
2-Nitroaniline	ND	1460	1400	96		1400	95		47-134	0		50
3-Nitroaniline	ND	1460	1200	82		1200	82		26-129	0		50
4-Nitroaniline	ND	1460	1400	96		1400	95		41-125	0		50
Dibenzofuran	ND	1460	1400	96		1300	88		40-140	7		50
2-Methylnaphthalene	ND	1460	1400	96		1400	95		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1940252-4 WG1940252-5 QC Sample: L2436264-02 Client ID: AA B-17 6												
1,2,4,5-Tetrachlorobenzene	ND	1460	1400	96		1300	88		40-117	7		50
Acetophenone	ND	1460	1400	96		1400	95		14-144	0		50
2,4,6-Trichlorophenol	ND	1460	1600	110		1500	100		30-130	6		50
p-Chloro-m-cresol	ND	1460	1600	**110**	Q	1500	100		26-103	6		50
2-Chlorophenol	ND	1460	1400	96		1400	95		25-102	0		50
2,4-Dichlorophenol	ND	1460	1400	96		1400	95		30-130	0		50
2,4-Dimethylphenol	ND	1460	1300	89		1300	88		30-130	0		50
2-Nitrophenol	ND	1460	1300	89		1300	88		30-130	0		50
4-Nitrophenol	ND	1460	1500	100		1500	100		11-114	0		50
2,4-Dinitrophenol	ND	1460	150J	10		150J	10		4-130	0		50
4,6-Dinitro-o-cresol	ND	1460	590	41		620	42		10-130	5		50
Pentachlorophenol	ND	1460	780	54		820	56		17-109	5		50
Phenol	ND	1460	1400	**96**	Q	1400	**95**	Q	26-90	0		50
2-Methylphenol	ND	1460	1500	100		1400	95		30-130.	7		50
3-Methylphenol/4-Methylphenol	ND	1460	1400	96		1400	95		30-130	0		50
2,4,5-Trichlorophenol	ND	1460	1500	100		1500	100		30-130	0		50
Carbazole	ND	1460	1400	96		1300	88		54-128	7		50
Atrazine	ND	1460	1400	96		1400	95		40-140	0		50
Benzaldehyde	ND	1460	1200	82		1200	82		40-140	0		50
Caprolactam	ND	1460	1900	130		1800	120		15-130	5		50
2,3,4,6-Tetrachlorophenol	ND	1460	1400	96		1400	95		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1940252-4 WG1940252-5 QC Sample: L2436264-02 Client ID: AA B-17 6												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	68		66		10-136
2-Fluorobiphenyl	92		86		30-120
2-Fluorophenol	95		92		25-120
4-Terphenyl-d14	84		79		18-120
Nitrobenzene-d5	99		96		23-120
Phenol-d6	97		95		10-120

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-01
Client ID: AA B-16 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/28/24 08:14
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 17:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.6	4.85	1	A
Aroclor 1221	ND		ug/kg	54.6	5.47	1	A
Aroclor 1232	ND		ug/kg	54.6	11.6	1	A
Aroclor 1242	ND		ug/kg	54.6	7.36	1	A
Aroclor 1248	ND		ug/kg	54.6	8.19	1	A
Aroclor 1254	ND		ug/kg	54.6	5.97	1	A
Aroclor 1260	ND		ug/kg	54.6	10.1	1	A
Aroclor 1262	ND		ug/kg	54.6	6.93	1	A
Aroclor 1268	ND		ug/kg	54.6	5.65	1	A
PCBs, Total	ND		ug/kg	54.6	4.85	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-02
Client ID: AA B-17 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/28/24 08:22
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 17:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.1	4.62	1	A
Aroclor 1221	ND		ug/kg	52.1	5.22	1	A
Aroclor 1232	ND		ug/kg	52.1	11.0	1	A
Aroclor 1242	ND		ug/kg	52.1	7.02	1	A
Aroclor 1248	ND		ug/kg	52.1	7.81	1	A
Aroclor 1254	ND		ug/kg	52.1	5.70	1	A
Aroclor 1260	ND		ug/kg	52.1	9.62	1	A
Aroclor 1262	ND		ug/kg	52.1	6.61	1	A
Aroclor 1268	ND		ug/kg	52.1	5.39	1	A
PCBs, Total	ND		ug/kg	52.1	4.62	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-03
Client ID: AA B-18 4
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/28/24 08:30
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 17:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.6	5.02	1	A
Aroclor 1221	ND		ug/kg	56.6	5.67	1	A
Aroclor 1232	ND		ug/kg	56.6	12.0	1	A
Aroclor 1242	ND		ug/kg	56.6	7.62	1	A
Aroclor 1248	ND		ug/kg	56.6	8.48	1	A
Aroclor 1254	ND		ug/kg	56.6	6.19	1	A
Aroclor 1260	ND		ug/kg	56.6	10.4	1	A
Aroclor 1262	ND		ug/kg	56.6	7.18	1	A
Aroclor 1268	ND		ug/kg	56.6	5.86	1	A
PCBs, Total	ND		ug/kg	56.6	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-04
Client ID: AA B-19 4
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/28/24 08:38
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 17:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.6	5.02	1	A
Aroclor 1221	ND		ug/kg	56.6	5.67	1	A
Aroclor 1232	ND		ug/kg	56.6	12.0	1	A
Aroclor 1242	ND		ug/kg	56.6	7.62	1	A
Aroclor 1248	ND		ug/kg	56.6	8.48	1	A
Aroclor 1254	ND		ug/kg	56.6	6.19	1	A
Aroclor 1260	ND		ug/kg	56.6	10.4	1	A
Aroclor 1262	ND		ug/kg	56.6	7.18	1	A
Aroclor 1268	ND		ug/kg	56.6	5.86	1	A
PCBs, Total	ND		ug/kg	56.6	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-05
Client ID: AA B-22 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/28/24 08:45
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 17:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.2	5.08	1	A
Aroclor 1221	ND		ug/kg	57.2	5.73	1	A
Aroclor 1232	ND		ug/kg	57.2	12.1	1	A
Aroclor 1242	ND		ug/kg	57.2	7.71	1	A
Aroclor 1248	ND		ug/kg	57.2	8.58	1	A
Aroclor 1254	ND		ug/kg	57.2	6.26	1	A
Aroclor 1260	ND		ug/kg	57.2	10.6	1	A
Aroclor 1262	ND		ug/kg	57.2	7.26	1	A
Aroclor 1268	ND		ug/kg	57.2	5.93	1	A
PCBs, Total	ND		ug/kg	57.2	5.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-08
Client ID: BLIND DUP #1
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 08:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/28/24 08:53
Analyst: MEO
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/27/24 17:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.3	4.91	1	A
Aroclor 1221	ND		ug/kg	55.3	5.54	1	A
Aroclor 1232	ND		ug/kg	55.3	11.7	1	A
Aroclor 1242	ND		ug/kg	55.3	7.45	1	A
Aroclor 1248	ND		ug/kg	55.3	8.29	1	A
Aroclor 1254	ND		ug/kg	55.3	6.04	1	A
Aroclor 1260	ND		ug/kg	55.3	10.2	1	A
Aroclor 1262	ND		ug/kg	55.3	7.02	1	A
Aroclor 1268	ND		ug/kg	55.3	5.72	1	A
PCBs, Total	ND		ug/kg	55.3	4.91	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/28/24 06:24
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/27/24 17:53
Cleanup Method: EPA 3665A
Cleanup Date: 06/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-05,08 Batch: WG1940495-1						
Aroclor 1016	ND		ug/kg	45.9	4.08	A
Aroclor 1221	ND		ug/kg	45.9	4.60	A
Aroclor 1232	ND		ug/kg	45.9	9.73	A
Aroclor 1242	ND		ug/kg	45.9	6.19	A
Aroclor 1248	ND		ug/kg	45.9	6.89	A
Aroclor 1254	ND		ug/kg	45.9	5.02	A
Aroclor 1260	ND		ug/kg	45.9	8.48	A
Aroclor 1262	ND		ug/kg	45.9	5.83	A
Aroclor 1268	ND		ug/kg	45.9	4.76	A
PCBs, Total	ND		ug/kg	45.9	4.08	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	85		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-05,08 Batch: WG1940495-2 WG1940495-3									
Aroclor 1016	74		82		40-140	10		50	A
Aroclor 1260	69		77		40-140	11		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		72		30-150	A
Decachlorobiphenyl	73		83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		79		30-150	B
Decachlorobiphenyl	75		86		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-01
Client ID: AA B-16 6
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 12:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.34		mg/kg	0.909	0.189	2	06/27/24 10:25	06/27/24 18:18	EPA 3050B	1,6010D	JTS
Barium, Total	65.1		mg/kg	0.909	0.158	2	06/27/24 10:25	06/27/24 18:18	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.909	0.089	2	06/27/24 10:25	06/27/24 18:18	EPA 3050B	1,6010D	JTS
Chromium, Total	11.3		mg/kg	0.909	0.087	2	06/27/24 10:25	06/27/24 18:18	EPA 3050B	1,6010D	JTS
Lead, Total	14.2		mg/kg	4.54	0.244	2	06/27/24 10:25	06/27/24 18:18	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.073	0.047	1	06/27/24 12:05	06/28/24 08:57	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.82	0.234	2	06/27/24 10:25	06/27/24 18:18	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.454	0.257	2	06/27/24 10:25	06/27/24 18:18	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-02
Client ID: AA B-17 6
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 12:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.72		mg/kg	0.864	0.180	2	06/27/24 10:25	06/27/24 17:45	EPA 3050B	1,6010D	JTS
Barium, Total	66.9		mg/kg	0.864	0.150	2	06/27/24 10:25	06/27/24 17:45	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.864	0.085	2	06/27/24 10:25	06/27/24 17:45	EPA 3050B	1,6010D	JTS
Chromium, Total	9.53		mg/kg	0.864	0.083	2	06/27/24 10:25	06/27/24 17:45	EPA 3050B	1,6010D	JTS
Lead, Total	12.2		mg/kg	4.32	0.232	2	06/27/24 10:25	06/27/24 17:45	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.071	0.046	1	06/27/24 12:05	06/28/24 08:25	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.73	0.223	2	06/27/24 10:25	06/27/24 17:45	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.432	0.244	2	06/27/24 10:25	06/27/24 17:45	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-03
Client ID: AA B-18 4
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 14:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.66		mg/kg	0.888	0.185	2	06/27/24 10:25	06/27/24 18:22	EPA 3050B	1,6010D	JTS
Barium, Total	44.6		mg/kg	0.888	0.154	2	06/27/24 10:25	06/27/24 18:22	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.888	0.087	2	06/27/24 10:25	06/27/24 18:22	EPA 3050B	1,6010D	JTS
Chromium, Total	7.20		mg/kg	0.888	0.085	2	06/27/24 10:25	06/27/24 18:22	EPA 3050B	1,6010D	JTS
Lead, Total	12.6		mg/kg	4.44	0.238	2	06/27/24 10:25	06/27/24 18:22	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.073	0.048	1	06/27/24 12:05	06/28/24 09:00	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.78	0.229	2	06/27/24 10:25	06/27/24 18:22	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.444	0.251	2	06/27/24 10:25	06/27/24 18:22	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-04
Client ID: AA B-19 4
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 14:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.22		mg/kg	0.905	0.188	2	06/27/24 10:25	06/27/24 18:26	EPA 3050B	1,6010D	JTS
Barium, Total	99.2		mg/kg	0.905	0.157	2	06/27/24 10:25	06/27/24 18:26	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.905	0.089	2	06/27/24 10:25	06/27/24 18:26	EPA 3050B	1,6010D	JTS
Chromium, Total	16.7		mg/kg	0.905	0.087	2	06/27/24 10:25	06/27/24 18:26	EPA 3050B	1,6010D	JTS
Lead, Total	13.6		mg/kg	4.52	0.242	2	06/27/24 10:25	06/27/24 18:26	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.073	0.048	1	06/27/24 12:05	06/28/24 09:03	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.81	0.233	2	06/27/24 10:25	06/27/24 18:26	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.452	0.256	2	06/27/24 10:25	06/27/24 18:26	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-05
Client ID: AA B-22 6
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 12:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.23		mg/kg	0.905	0.188	2	06/27/24 10:25	06/27/24 18:30	EPA 3050B	1,6010D	JTS
Barium, Total	82.2		mg/kg	0.905	0.157	2	06/27/24 10:25	06/27/24 18:30	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.905	0.089	2	06/27/24 10:25	06/27/24 18:30	EPA 3050B	1,6010D	JTS
Chromium, Total	12.6		mg/kg	0.905	0.087	2	06/27/24 10:25	06/27/24 18:30	EPA 3050B	1,6010D	JTS
Lead, Total	13.8		mg/kg	4.52	0.242	2	06/27/24 10:25	06/27/24 18:30	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.074	0.048	1	06/27/24 12:05	06/28/24 09:07	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.81	0.233	2	06/27/24 10:25	06/27/24 18:30	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.452	0.256	2	06/27/24 10:25	06/27/24 18:30	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-06
Client ID: AA B-23 6
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 12:30
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.24		mg/kg	0.899	0.187	2	06/27/24 10:25	06/27/24 18:33	EPA 3050B	1,6010D	JTS
Barium, Total	74.2		mg/kg	0.899	0.156	2	06/27/24 10:25	06/27/24 18:33	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.899	0.088	2	06/27/24 10:25	06/27/24 18:33	EPA 3050B	1,6010D	JTS
Chromium, Total	12.0		mg/kg	0.899	0.086	2	06/27/24 10:25	06/27/24 18:33	EPA 3050B	1,6010D	JTS
Lead, Total	13.7		mg/kg	4.50	0.241	2	06/27/24 10:25	06/27/24 18:33	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.073	0.048	1	06/27/24 12:05	06/28/24 09:10	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.80	0.232	2	06/27/24 10:25	06/27/24 18:33	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.450	0.254	2	06/27/24 10:25	06/27/24 18:33	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-07
Client ID: AA B-24 6
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 14:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.83		mg/kg	0.887	0.184	2	06/27/24 10:25	06/27/24 18:37	EPA 3050B	1,6010D	JTS
Barium, Total	61.2		mg/kg	0.887	0.154	2	06/27/24 10:25	06/27/24 18:37	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.887	0.087	2	06/27/24 10:25	06/27/24 18:37	EPA 3050B	1,6010D	JTS
Chromium, Total	9.10		mg/kg	0.887	0.085	2	06/27/24 10:25	06/27/24 18:37	EPA 3050B	1,6010D	JTS
Lead, Total	15.5		mg/kg	4.43	0.238	2	06/27/24 10:25	06/27/24 18:37	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/27/24 12:05	06/28/24 09:13	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.77	0.229	2	06/27/24 10:25	06/27/24 18:37	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.443	0.251	2	06/27/24 10:25	06/27/24 18:37	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-08
Client ID: BLIND DUP #1
Sample Location: BUFFALO, NY
Date Collected: 06/26/24 08:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.88		mg/kg	0.864	0.180	2	06/27/24 10:25	06/27/24 18:41	EPA 3050B	1,6010D	JTS
Barium, Total	72.3		mg/kg	0.864	0.150	2	06/27/24 10:25	06/27/24 18:41	EPA 3050B	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.864	0.085	2	06/27/24 10:25	06/27/24 18:41	EPA 3050B	1,6010D	JTS
Chromium, Total	11.1		mg/kg	0.864	0.083	2	06/27/24 10:25	06/27/24 18:41	EPA 3050B	1,6010D	JTS
Lead, Total	13.6		mg/kg	4.32	0.232	2	06/27/24 10:25	06/27/24 18:41	EPA 3050B	1,6010D	JTS
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/27/24 12:05	06/28/24 09:17	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.73	0.223	2	06/27/24 10:25	06/27/24 18:41	EPA 3050B	1,6010D	JTS
Silver, Total	ND		mg/kg	0.432	0.245	2	06/27/24 10:25	06/27/24 18:41	EPA 3050B	1,6010D	JTS

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436264

Project Number: 4461.0001B002 **Report Date:** 06/28/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1940054-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/27/24 10:25	06/27/24 17:32	1,6010D	JTS
Barium, Total	ND		mg/kg	0.400	0.070	1	06/27/24 10:25	06/27/24 17:32	1,6010D	JTS
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/27/24 10:25	06/27/24 17:32	1,6010D	JTS
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/27/24 10:25	06/27/24 17:32	1,6010D	JTS
Lead, Total	ND		mg/kg	2.00	0.107	1	06/27/24 10:25	06/27/24 17:32	1,6010D	JTS
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/27/24 10:25	06/27/24 17:32	1,6010D	JTS
Silver, Total	ND		mg/kg	0.200	0.113	1	06/27/24 10:25	06/27/24 17:32	1,6010D	JTS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1940057-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/27/24 12:05	06/28/24 08:18	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1940054-2								
Arsenic, Total	104		-		80-120	-		
Barium, Total	111		-		80-120	-		
Cadmium, Total	108		-		80-120	-		
Chromium, Total	108		-		80-120	-		
Lead, Total	104		-		80-120	-		
Selenium, Total	104		-		80-120	-		
Silver, Total	109		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1940057-2								
Mercury, Total	100		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1940054-3 WG1940054-4 QC Sample: L2436264-02 Client ID: AA B-17 6												
Arsenic, Total	2.72	10.2	12.2	93		13.5	106		75-125	10		20
Barium, Total	66.9	170	210	84		234	98		75-125	11		20
Cadmium, Total	ND	4.51	3.33	**74**	Q	3.66	81		75-125	9		20
Chromium, Total	9.53	17	22.3	75		25.2	92		75-125	12		20
Lead, Total	12.2	45.1	48.7	81		54.6	94		75-125	11		20
Selenium, Total	ND	10.2	8.87	87		9.97	98		75-125	12		20
Silver, Total	ND	4.26	3.91	92		4.40	103		75-125	12		20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1940057-3 WG1940057-4 QC Sample: L2436264-02 Client ID: AA B-17 6												
Mercury, Total	ND	1.42	1.45	102		1.42	100		80-120	2		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2436264
Report Date: 06/28/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1940054-6 QC Sample: L2436264-02 Client ID: AA B-17 6						
Barium, Total	66.9	69.5	mg/kg	4		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-01
Client ID: AA B-16 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	06/27/24 07:14	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-02
Client ID: AA B-17 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	06/27/24 07:14	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-03
Client ID: AA B-18 4
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:10
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	06/27/24 07:14	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-04
Client ID: AA B-19 4
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	06/27/24 07:14	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-05
Client ID: AA B-22 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	06/27/24 07:14	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-06
Client ID: AA B-23 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 12:30
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	06/27/24 07:14	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-07
Client ID: AA B-24 6
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 14:20
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	06/27/24 07:14	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

SAMPLE RESULTS

Lab ID: L2436264-08
Client ID: BLIND DUP #1
Sample Location: BUFFALO, NY

Date Collected: 06/26/24 08:00
Date Received: 06/26/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.7		%	0.100	NA	1	-	06/27/24 07:14	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436264

Report Date: 06/28/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1940096-1 QC Sample: L2436264-02 Client ID: AA B-17 6						
Solids, Total	89.0	89.1	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436264-01A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436264-01B	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-01C	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436264-01X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-01Y	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)
L2436264-01Z	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)
L2436264-02A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436264-02A1	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436264-02B	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-02C	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436264-02C1	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7)
L2436264-02X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-02Y	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)
L2436264-02Z	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)
L2436264-03A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436264-03B	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-03C	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436264-03X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-03Y	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)
L2436264-03Z	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436264
Report Date: 06/28/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436264-04A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2436264-04B	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-04C	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436264-04X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-04Y	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)
L2436264-04Z	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)
L2436264-05A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436264-05B	Vial Large Septa unpreserved (4oz)	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-05C	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436264-05X	Vial MeOH preserved split	A	NA		4.3	Y	Absent		NYTCL-8260-R2(14)
L2436264-05Y	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)
L2436264-05Z	Vial Water preserved split	A	NA		4.3	Y	Absent	27-JUN-24 06:15	NYTCL-8260-R2(14)
L2436264-06A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436264-06B	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7)
L2436264-07A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2436264-07B	Glass 250ml/8oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7)
L2436264-08A	Glass 60ml unpreserved split	A	NA		4.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436264-08B	Glass 500ml/16oz unpreserved	A	NA		4.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436264
Project Number:	4461.0001B002	**Report Date:**	06/28/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436264
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436264
Project Number:	4461.0001B002	**Report Date:**	06/28/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436264
Project Number:	4461.0001B002	**Report Date:**	06/28/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 06/27/24

ALPHA Job #: L2436264

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: Amurley@rouxinc.com

Project Information
Project Name: 1681-1689 main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #)
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☒ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+CP-51 VOCs	TCL SVOCs	RCRA metals	PCBs	Total Bottle	Sample Specific Comments
36264-01	AA B-16 6	6/26/24	1200	Soil	CEH	X	X	X	X		
-02	AA B-17 6		1210			X	X	X	X		
-02 -03	AA B-17 6 MS/MSD		1210				X	X			
-03 -04	AA B-18 4		1410			X	X	X	X		
-04 -05	AA B-19 4		1400			X	X	X	X		
-05 -06	AA B-22 6		1220			X	X	X	X		
-06 -07	AA B-23 6		1230				X	X			
-07 -08	AA B-24 6		1420				X	X			
-08 -09	Blind Dup #1		0800				X	X	X		
MWDP											

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Charles Hochreiter	6/26/24 1545	MM/AL PACE	6/26/24 1545
MM/AL PACE	6/26/24 1545		6/27/24 0925

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2436606
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	07/01/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436606
Report Date: 07/01/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436606-01	B-25 3.5	SOIL	BUFFALO, NY	06/27/24 14:00	06/27/24
L2436606-02	B-26 3.5	SOIL	BUFFALO, NY	06/27/24 14:10	06/27/24
L2436606-03	BLIND DUP 6-27-24	SOIL	BUFFALO, NY	06/27/24 08:00	06/27/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436606
Project Number:	4461.0001B002	**Report Date:**	07/01/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436606
Project Number:	4461.0001B002	**Report Date:**	07/01/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2436606-01 through -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 07/01/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436606
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-01
Client ID: B-25 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/27/24 14:00
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/29/24 22:33
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 19:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436606

Project Number: 4461.0001B002 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-01 Date Collected: 06/27/24 14:00

Client ID: B-25 3.5 Date Received: 06/27/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	66	J	ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	360		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	190		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436606

Project Number: 4461.0001B002 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-01 Date Collected: 06/27/24 14:00

Client ID: B-25 3.5 Date Received: 06/27/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	104		25-120
Phenol-d6	101		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	102		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436606
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-02
Client ID: B-26 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/27/24 14:10
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/29/24 22:51
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 19:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436606

Project Number: 4461.0001B002 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-02 Date Collected: 06/27/24 14:10

Client ID: B-26 3.5 Date Received: 06/27/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436606

Project Number: 4461.0001B002 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-02 Date Collected: 06/27/24 14:10

Client ID: B-26 3.5 Date Received: 06/27/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	101		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	103		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436606
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-03
Client ID: BLIND DUP 6-27-24
Sample Location: BUFFALO, NY

Date Collected: 06/27/24 08:00
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/29/24 23:09
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 19:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436606

Project Number: 4461.0001B002 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-03 Date Collected: 06/27/24 08:00

Client ID: BLIND DUP 6-27-24 Date Received: 06/27/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436606

Project Number: 4461.0001B002 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-03 Date Collected: 06/27/24 08:00

Client ID: BLIND DUP 6-27-24 Date Received: 06/27/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	93		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436606
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/29/24 12:43
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/28/24 18:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1941032-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436606
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/29/24 12:43
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/28/24 18:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1941032-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	31.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	19.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	220	66.
2,4-Dinitrophenol	ND		ug/kg	770	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	77.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436606
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/29/24 12:43
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/28/24 18:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1941032-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	56.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	108		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436606

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1941032-2 WG1941032-3								
Acenaphthene	94		93		31-137	1		50
Hexachlorobenzene	100		99		40-140	1		50
Bis(2-chloroethyl)ether	90		90		40-140	0		50
2-Chloronaphthalene	95		96		40-140	1		50
3,3'-Dichlorobenzidine	91		92		40-140	1		50
2,4-Dinitrotoluene	102		103		40-132	1		50
2,6-Dinitrotoluene	103		105		40-140	2		50
Fluoranthene	102		99		40-140	3		50
4-Chlorophenyl phenyl ether	110		109		40-140	1		50
4-Bromophenyl phenyl ether	108		108		40-140	0		50
Bis(2-chloroisopropyl)ether	82		82		40-140	0		50
Bis(2-chloroethoxy)methane	98		98		40-117	0		50
Hexachlorobutadiene	120		120		40-140	0		50
Hexachlorocyclopentadiene	111		110		40-140	1		50
Hexachloroethane	93		90		40-140	3		50
Isophorone	93		92		40-140	1		50
Naphthalene	91		90		40-140	1		50
Nitrobenzene	94		93		40-140	1		50
NDPA/DPA	96		95		36-157	1		50
n-Nitrosodi-n-propylamine	100		99		32-121	1		50
Bis(2-ethylhexyl)phthalate	103		102		40-140	1		50
Butyl benzyl phthalate	111		107		40-140	4		50
Di-n-butylphthalate	105		102		40-140	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436606

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1941032-2 WG1941032-3								
Di-n-octylphthalate	112		109		40-140	3		50
Diethyl phthalate	101		98		40-140	3		50
Dimethyl phthalate	98		98		40-140	0		50
Benzo(a)anthracene	104		103		40-140	1		50
Benzo(a)pyrene	117		113		40-140	3		50
Benzo(b)fluoranthene	105		105		40-140	0		50
Benzo(k)fluoranthene	115		110		40-140	4		50
Chrysene	105		101		40-140	4		50
Acenaphthylene	94		93		40-140	1		50
Anthracene	100		99		40-140	1		50
Benzo(ghi)perylene	107		108		40-140	1		50
Fluorene	96		94		40-140	2		50
Phenanthrene	95		93		40-140	2		50
Dibenzo(a,h)anthracene	102		104		40-140	2		50
Indeno(1,2,3-cd)pyrene	108		107		40-140	1		50
Pyrene	102		100		35-142	2		50
Biphenyl	92		91		37-127	1		50
4-Chloroaniline	77		74		40-140	4		50
2-Nitroaniline	101		102		47-134	1		50
3-Nitroaniline	74		76		26-129	3		50
4-Nitroaniline	87		82		41-125	6		50
Dibenzofuran	93		92		40-140	1		50
2-Methylnaphthalene	96		95		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436606

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1941032-2 WG1941032-3								
1,2,4,5-Tetrachlorobenzene	108		107		40-117	1		50
Acetophenone	93		93		14-144	0		50
2,4,6-Trichlorophenol	110		109		30-130	1		50
p-Chloro-m-cresol	103		103		26-103	0		50
2-Chlorophenol	94		92		25-102	2		50
2,4-Dichlorophenol	92		91		30-130	1		50
2,4-Dimethylphenol	91		92		30-130	1		50
2-Nitrophenol	96		97		30-130	1		50
4-Nitrophenol	97		95		11-114	2		50
2,4-Dinitrophenol	93		95		4-130	2		50
4,6-Dinitro-o-cresol	113		111		10-130	2		50
Pentachlorophenol	98		96		17-109	2		50
Phenol	**98**	Q	**97**	Q	26-90	1		50
2-Methylphenol	92		93		30-130.	1		50
3-Methylphenol/4-Methylphenol	91		89		30-130	2		50
2,4,5-Trichlorophenol	110		108		30-130	2		50
Carbazole	95		92		54-128	3		50
Atrazine	94		93		40-140	1		50
Benzaldehyde	82		80		40-140	2		50
Caprolactam	102		99		15-130	3		50
2,3,4,6-Tetrachlorophenol	115		113		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436606

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1941032-2 WG1941032-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	100		102		25-120
Phenol-d6	98		99		10-120
Nitrobenzene-d5	92		91		23-120
2-Fluorobiphenyl	95		96		30-120
2,4,6-Tribromophenol	101		102		10-136
4-Terphenyl-d14	102		101		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Lab Number: L2436606
Project Number: 4461.0001B002
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-01
Client ID: B-25 3.5
Sample Location: BUFFALO, NY
Date Collected: 06/27/24 14:00
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.06		mg/kg	0.920	0.191	2	06/28/24 11:50	07/01/24 11:07	EPA 3050B	1,6010D	DMC
Barium, Total	80.9		mg/kg	0.920	0.160	2	06/28/24 11:50	07/01/24 11:07	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.920	0.090	2	06/28/24 11:50	07/01/24 11:07	EPA 3050B	1,6010D	DMC
Chromium, Total	14.5		mg/kg	0.920	0.088	2	06/28/24 11:50	07/01/24 11:07	EPA 3050B	1,6010D	DMC
Lead, Total	15.6		mg/kg	4.60	0.246	2	06/28/24 11:50	07/01/24 11:07	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.088	0.058	1	06/28/24 10:40	07/01/24 10:23	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.84	0.237	2	06/28/24 11:50	07/01/24 11:07	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.460	0.260	2	06/28/24 11:50	07/01/24 11:07	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436606

Project Number: 4461.0001B002 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-02 Date Collected: 06/27/24 14:10

Client ID: B-26 3.5 Date Received: 06/27/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.84		mg/kg	0.904	0.188	2	06/28/24 11:50	07/01/24 11:11	EPA 3050B	1,6010D	DMC
Barium, Total	72.4		mg/kg	0.904	0.157	2	06/28/24 11:50	07/01/24 11:11	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.904	0.089	2	06/28/24 11:50	07/01/24 11:11	EPA 3050B	1,6010D	DMC
Chromium, Total	13.6		mg/kg	0.904	0.087	2	06/28/24 11:50	07/01/24 11:11	EPA 3050B	1,6010D	DMC
Lead, Total	15.1		mg/kg	4.52	0.242	2	06/28/24 11:50	07/01/24 11:11	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.085	0.055	1	06/28/24 10:40	07/01/24 10:26	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.81	0.233	2	06/28/24 11:50	07/01/24 11:11	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.452	0.256	2	06/28/24 11:50	07/01/24 11:11	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436606

Project Number: 4461.0001B002 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-03 Date Collected: 06/27/24 08:00

Client ID: BLIND DUP 6-27-24 Date Received: 06/27/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.08		mg/kg	0.930	0.193	2	06/28/24 11:50	07/01/24 11:15	EPA 3050B	1,6010D	DMC
Barium, Total	80.5		mg/kg	0.930	0.162	2	06/28/24 11:50	07/01/24 11:15	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.930	0.091	2	06/28/24 11:50	07/01/24 11:15	EPA 3050B	1,6010D	DMC
Chromium, Total	15.0		mg/kg	0.930	0.089	2	06/28/24 11:50	07/01/24 11:15	EPA 3050B	1,6010D	DMC
Lead, Total	16.3		mg/kg	4.65	0.249	2	06/28/24 11:50	07/01/24 11:15	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/28/24 10:40	07/01/24 10:29	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.86	0.240	2	06/28/24 11:50	07/01/24 11:15	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.465	0.263	2	06/28/24 11:50	07/01/24 11:15	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436606

Project Number: 4461.0001B002 **Report Date:** 07/01/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1940643-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/28/24 11:50	06/30/24 17:34	1,6010D	MAM
Barium, Total	ND		mg/kg	0.400	0.070	1	06/28/24 11:50	06/30/24 17:34	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/28/24 11:50	06/30/24 17:34	1,6010D	MAM
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/28/24 11:50	06/30/24 17:34	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	06/28/24 11:50	06/30/24 17:34	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/28/24 11:50	06/30/24 17:34	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	06/28/24 11:50	06/30/24 17:34	1,6010D	MAM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1940646-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/28/24 10:40	07/01/24 09:11	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436606

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1940643-2								
Arsenic, Total	99		-		80-120	-		
Barium, Total	89		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Chromium, Total	92		-		80-120	-		
Lead, Total	89		-		80-120	-		
Selenium, Total	94		-		80-120	-		
Silver, Total	96		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1940646-2								
Mercury, Total	106		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436606
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1940643-3 WG1940643-4 QC Sample: L2435766-01 Client ID: MS Sample												
Arsenic, Total	0.682J	11	9.29	85		9.00	81		75-125	3		20
Barium, Total	263	183	400	75		402	75		75-125	0		20
Cadmium, Total	ND	4.84	3.59	**74**	Q	3.33	**68**	Q	75-125	8		20
Chromium, Total	46.4	18.3	55.0	**47**	Q	61.7	83		75-125	11		20
Lead, Total	15.3	48.4	47.1	**66**	Q	47.5	**66**	Q	75-125	1		20
Selenium, Total	ND	11	8.53	78		8.62	78		75-125	1		20
Silver, Total	ND	4.56	3.81	83		3.67	79		75-125	4		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1940646-3 WG1940646-4 QC Sample: L2435766-01 Client ID: MS Sample												
Mercury, Total	0.074J	1.57	1.71	109		1.69	107		80-120	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2436606
Report Date: 07/01/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1940643-6 QC Sample: L2435766-01 Client ID: DUP Sample						
Barium, Total	263	306	mg/kg	16		20
Cadmium, Total	ND	ND	mg/kg	NC	Q	20
Chromium, Total	46.4	55.4	mg/kg	19		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436606
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-01
Client ID: B-25 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/27/24 14:00
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	06/28/24 08:48	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436606
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-02
Client ID: B-26 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/27/24 14:10
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	06/28/24 08:48	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436606
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-03
Client ID: BLIND DUP 6-27-24
Sample Location: BUFFALO, NY

Date Collected: 06/27/24 08:00
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	06/28/24 08:48	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436606

Report Date: 07/01/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1940678-1 QC Sample: L2434215-24 Client ID: DUP Sample						
Solids, Total	90.5	90.6	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436606
Report Date: 07/01/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436606-01A	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TS(7)
L2436606-01B	Glass 60ml unpreserved split	A	NA		4.5	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436606-02A	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TS(7)
L2436606-02B	Glass 60ml unpreserved split	A	NA		4.5	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436606-03A	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TS(7)
L2436606-03B	Glass 60ml unpreserved split	A	NA		4.5	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436606
Project Number:	4461.0001B002	**Report Date:**	07/01/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436606
Project Number:	4461.0001B002	**Report Date:**	07/01/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436606
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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436606
Project Number:	4461.0001B002	**Report Date:**	07/01/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 6/28/24

ALPHA Job #: L2436606

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information

Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #)
Project Manager:
ALPHAQuote #:

Turn-Around Time

Standard
Rush (only if pre approved)
Due Date: 2 Day TAT
# of Days:

Deliverables

ASP-A
ASP-B
EQuIS (1 File)
EQuIS (4 File)
Other

Regulatory Requirement

NY TOGS
NY Part 375
AWQ Standards
NY CP-51
NY Restricted Use
Other
NY Unrestricted Use
NYC Sewer Discharge

Billing Information

Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ
NY
Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	Total Bottle	Sample Specific Comments
36606-01	B-25 3.5	6-27-24	1400	Soil	CEH	X	X		
-02	B-26 3.5	↓	1410	Soil	CEH	X	X		
-03	Blind Dup 6-27-24		0800	Soil	CEH	X	X		

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Courtney Hardcastle	6-27-24/1525	[illegible]	6-27-24 15:25
[illegible]	6-27-24 15:26	[illegible]	6/28/24 01:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2436606
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	07/01/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436606
Report Date: 07/01/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436606-01	B-25 3.5	SOIL	BUFFALO, NY	06/27/24 14:00	06/27/24
L2436606-02	B-26 3.5	SOIL	BUFFALO, NY	06/27/24 14:10	06/27/24
L2436606-03	BLIND DUP 6-27-24	SOIL	BUFFALO, NY	06/27/24 08:00	06/27/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436606
Project Number:	4461.0001B002	**Report Date:**	07/01/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436606
Project Number:	4461.0001B002	**Report Date:**	07/01/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2436606-01 through -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 07/01/24

ORGANICS

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436606
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-01
Client ID: B-25 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/27/24 14:00
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/29/24 22:33
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 19:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436606

Project Number: 4461.0001B002 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-01 Date Collected: 06/27/24 14:00

Client ID: B-25 3.5 Date Received: 06/27/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	66	J	ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	360		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	190		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436606

Project Number: 4461.0001B002 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-01 Date Collected: 06/27/24 14:00

Client ID: B-25 3.5 Date Received: 06/27/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	104		25-120
Phenol-d6	101		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	102		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436606
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-02
Client ID: B-26 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/27/24 14:10
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/29/24 22:51
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 19:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436606

Project Number: 4461.0001B002 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-02 Date Collected: 06/27/24 14:10

Client ID: B-26 3.5 Date Received: 06/27/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436606

Project Number: 4461.0001B002 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-02 Date Collected: 06/27/24 14:10

Client ID: B-26 3.5 Date Received: 06/27/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	101		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	103		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436606
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-03
Client ID: BLIND DUP 6-27-24
Sample Location: BUFFALO, NY

Date Collected: 06/27/24 08:00
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/29/24 23:09
Analyst: IM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/28/24 19:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436606

Project Number: 4461.0001B002 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-03 Date Collected: 06/27/24 08:00

Client ID: BLIND DUP 6-27-24 Date Received: 06/27/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436606

Project Number: 4461.0001B002 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-03 Date Collected: 06/27/24 08:00

Client ID: BLIND DUP 6-27-24 Date Received: 06/27/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	93		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436606
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/29/24 12:43
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/28/24 18:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1941032-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	18.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436606
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/29/24 12:43
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/28/24 18:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1941032-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	31.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	19.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	220	66.
2,4-Dinitrophenol	ND		ug/kg	770	75.
4,6-Dinitro-o-cresol	ND		ug/kg	420	77.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436606
Report Date: 07/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/29/24 12:43
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/28/24 18:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1941032-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	56.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	108		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436606

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1941032-2 WG1941032-3								
Acenaphthene	94		93		31-137	1		50
Hexachlorobenzene	100		99		40-140	1		50
Bis(2-chloroethyl)ether	90		90		40-140	0		50
2-Chloronaphthalene	95		96		40-140	1		50
3,3'-Dichlorobenzidine	91		92		40-140	1		50
2,4-Dinitrotoluene	102		103		40-132	1		50
2,6-Dinitrotoluene	103		105		40-140	2		50
Fluoranthene	102		99		40-140	3		50
4-Chlorophenyl phenyl ether	110		109		40-140	1		50
4-Bromophenyl phenyl ether	108		108		40-140	0		50
Bis(2-chloroisopropyl)ether	82		82		40-140	0		50
Bis(2-chloroethoxy)methane	98		98		40-117	0		50
Hexachlorobutadiene	120		120		40-140	0		50
Hexachlorocyclopentadiene	111		110		40-140	1		50
Hexachloroethane	93		90		40-140	3		50
Isophorone	93		92		40-140	1		50
Naphthalene	91		90		40-140	1		50
Nitrobenzene	94		93		40-140	1		50
NDPA/DPA	96		95		36-157	1		50
n-Nitrosodi-n-propylamine	100		99		32-121	1		50
Bis(2-ethylhexyl)phthalate	103		102		40-140	1		50
Butyl benzyl phthalate	111		107		40-140	4		50
Di-n-butylphthalate	105		102		40-140	3		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436606

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1941032-2 WG1941032-3								
Di-n-octylphthalate	112		109		40-140	3		50
Diethyl phthalate	101		98		40-140	3		50
Dimethyl phthalate	98		98		40-140	0		50
Benzo(a)anthracene	104		103		40-140	1		50
Benzo(a)pyrene	117		113		40-140	3		50
Benzo(b)fluoranthene	105		105		40-140	0		50
Benzo(k)fluoranthene	115		110		40-140	4		50
Chrysene	105		101		40-140	4		50
Acenaphthylene	94		93		40-140	1		50
Anthracene	100		99		40-140	1		50
Benzo(ghi)perylene	107		108		40-140	1		50
Fluorene	96		94		40-140	2		50
Phenanthrene	95		93		40-140	2		50
Dibenzo(a,h)anthracene	102		104		40-140	2		50
Indeno(1,2,3-cd)pyrene	108		107		40-140	1		50
Pyrene	102		100		35-142	2		50
Biphenyl	92		91		37-127	1		50
4-Chloroaniline	77		74		40-140	4		50
2-Nitroaniline	101		102		47-134	1		50
3-Nitroaniline	74		76		26-129	3		50
4-Nitroaniline	87		82		41-125	6		50
Dibenzofuran	93		92		40-140	1		50
2-Methylnaphthalene	96		95		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436606

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1941032-2 WG1941032-3								
1,2,4,5-Tetrachlorobenzene	108		107		40-117	1		50
Acetophenone	93		93		14-144	0		50
2,4,6-Trichlorophenol	110		109		30-130	1		50
p-Chloro-m-cresol	103		103		26-103	0		50
2-Chlorophenol	94		92		25-102	2		50
2,4-Dichlorophenol	92		91		30-130	1		50
2,4-Dimethylphenol	91		92		30-130	1		50
2-Nitrophenol	96		97		30-130	1		50
4-Nitrophenol	97		95		11-114	2		50
2,4-Dinitrophenol	93		95		4-130	2		50
4,6-Dinitro-o-cresol	113		111		10-130	2		50
Pentachlorophenol	98		96		17-109	2		50
Phenol	**98**	Q	**97**	Q	26-90	1		50
2-Methylphenol	92		93		30-130.	1		50
3-Methylphenol/4-Methylphenol	91		89		30-130	2		50
2,4,5-Trichlorophenol	110		108		30-130	2		50
Carbazole	95		92		54-128	3		50
Atrazine	94		93		40-140	1		50
Benzaldehyde	82		80		40-140	2		50
Caprolactam	102		99		15-130	3		50
2,3,4,6-Tetrachlorophenol	115		113		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436606

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1941032-2 WG1941032-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	100		102		25-120
Phenol-d6	98		99		10-120
Nitrobenzene-d5	92		91		23-120
2-Fluorobiphenyl	95		96		30-120
2,4,6-Tribromophenol	101		102		10-136
4-Terphenyl-d14	102		101		18-120

METALS

Project Name: 1681-1689 MAIN STREET
Lab Number: L2436606
Project Number: 4461.0001B002
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-01
Client ID: B-25 3.5
Sample Location: BUFFALO, NY
Date Collected: 06/27/24 14:00
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.06		mg/kg	0.920	0.191	2	06/28/24 11:50	07/01/24 11:07	EPA 3050B	1,6010D	DMC
Barium, Total	80.9		mg/kg	0.920	0.160	2	06/28/24 11:50	07/01/24 11:07	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.920	0.090	2	06/28/24 11:50	07/01/24 11:07	EPA 3050B	1,6010D	DMC
Chromium, Total	14.5		mg/kg	0.920	0.088	2	06/28/24 11:50	07/01/24 11:07	EPA 3050B	1,6010D	DMC
Lead, Total	15.6		mg/kg	4.60	0.246	2	06/28/24 11:50	07/01/24 11:07	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.088	0.058	1	06/28/24 10:40	07/01/24 10:23	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.84	0.237	2	06/28/24 11:50	07/01/24 11:07	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.460	0.260	2	06/28/24 11:50	07/01/24 11:07	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436606

Project Number: 4461.0001B002 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-02 Date Collected: 06/27/24 14:10

Client ID: B-26 3.5 Date Received: 06/27/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.84		mg/kg	0.904	0.188	2	06/28/24 11:50	07/01/24 11:11	EPA 3050B	1,6010D	DMC
Barium, Total	72.4		mg/kg	0.904	0.157	2	06/28/24 11:50	07/01/24 11:11	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.904	0.089	2	06/28/24 11:50	07/01/24 11:11	EPA 3050B	1,6010D	DMC
Chromium, Total	13.6		mg/kg	0.904	0.087	2	06/28/24 11:50	07/01/24 11:11	EPA 3050B	1,6010D	DMC
Lead, Total	15.1		mg/kg	4.52	0.242	2	06/28/24 11:50	07/01/24 11:11	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.085	0.055	1	06/28/24 10:40	07/01/24 10:26	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.81	0.233	2	06/28/24 11:50	07/01/24 11:11	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.452	0.256	2	06/28/24 11:50	07/01/24 11:11	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436606

Project Number: 4461.0001B002 **Report Date:** 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-03 Date Collected: 06/27/24 08:00

Client ID: BLIND DUP 6-27-24 Date Received: 06/27/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.08		mg/kg	0.930	0.193	2	06/28/24 11:50	07/01/24 11:15	EPA 3050B	1,6010D	DMC
Barium, Total	80.5		mg/kg	0.930	0.162	2	06/28/24 11:50	07/01/24 11:15	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.930	0.091	2	06/28/24 11:50	07/01/24 11:15	EPA 3050B	1,6010D	DMC
Chromium, Total	15.0		mg/kg	0.930	0.089	2	06/28/24 11:50	07/01/24 11:15	EPA 3050B	1,6010D	DMC
Lead, Total	16.3		mg/kg	4.65	0.249	2	06/28/24 11:50	07/01/24 11:15	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/28/24 10:40	07/01/24 10:29	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.86	0.240	2	06/28/24 11:50	07/01/24 11:15	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.465	0.263	2	06/28/24 11:50	07/01/24 11:15	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436606

Project Number: 4461.0001B002 **Report Date:** 07/01/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1940643-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/28/24 11:50	06/30/24 17:34	1,6010D	MAM
Barium, Total	ND		mg/kg	0.400	0.070	1	06/28/24 11:50	06/30/24 17:34	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/28/24 11:50	06/30/24 17:34	1,6010D	MAM
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/28/24 11:50	06/30/24 17:34	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	06/28/24 11:50	06/30/24 17:34	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/28/24 11:50	06/30/24 17:34	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	06/28/24 11:50	06/30/24 17:34	1,6010D	MAM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1940646-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/28/24 10:40	07/01/24 09:11	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436606

Report Date: 07/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1940643-2								
Arsenic, Total	99		-		80-120	-		
Barium, Total	89		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Chromium, Total	92		-		80-120	-		
Lead, Total	89		-		80-120	-		
Selenium, Total	94		-		80-120	-		
Silver, Total	96		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1940646-2								
Mercury, Total	106		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436606
Report Date: 07/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1940643-3 WG1940643-4 QC Sample: L2435766-01 Client ID: MS Sample												
Arsenic, Total	0.682J	11	9.29	85		9.00	81		75-125	3		20
Barium, Total	263	183	400	75		402	75		75-125	0		20
Cadmium, Total	ND	4.84	3.59	**74**	Q	3.33	**68**	Q	75-125	8		20
Chromium, Total	46.4	18.3	55.0	**47**	Q	61.7	83		75-125	11		20
Lead, Total	15.3	48.4	47.1	**66**	Q	47.5	**66**	Q	75-125	1		20
Selenium, Total	ND	11	8.53	78		8.62	78		75-125	1		20
Silver, Total	ND	4.56	3.81	83		3.67	79		75-125	4		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1940646-3 WG1940646-4 QC Sample: L2435766-01 Client ID: MS Sample												
Mercury, Total	0.074J	1.57	1.71	109		1.69	107		80-120	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2436606
Report Date: 07/01/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1940643-6 QC Sample: L2435766-01 Client ID: DUP Sample						
Barium, Total	263	306	mg/kg	16		20
Cadmium, Total	ND	ND	mg/kg	NC	Q	20
Chromium, Total	46.4	55.4	mg/kg	19		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436606
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-01
Client ID: B-25 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/27/24 14:00
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	06/28/24 08:48	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436606
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-02
Client ID: B-26 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/27/24 14:10
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	06/28/24 08:48	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436606
Report Date: 07/01/24

SAMPLE RESULTS

Lab ID: L2436606-03
Client ID: BLIND DUP 6-27-24
Sample Location: BUFFALO, NY

Date Collected: 06/27/24 08:00
Date Received: 06/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	06/28/24 08:48	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436606

Report Date: 07/01/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1940678-1 QC Sample: L2434215-24 Client ID: DUP Sample						
Solids, Total	90.5	90.6	%	0		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436606
Report Date: 07/01/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436606-01A	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TS(7)
L2436606-01B	Glass 60ml unpreserved split	A	NA		4.5	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436606-02A	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TS(7)
L2436606-02B	Glass 60ml unpreserved split	A	NA		4.5	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436606-03A	Glass 250ml/8oz unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(14),TS(7)
L2436606-03B	Glass 60ml unpreserved split	A	NA		4.5	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436606
Project Number:	4461.0001B002	**Report Date:**	07/01/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436606
Project Number:	4461.0001B002	**Report Date:**	07/01/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436606
Project Number:	4461.0001B002	**Report Date:**	07/01/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436606
Project Number:	4461.0001B002	**Report Date:**	07/01/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 6/28/24

ALPHA Job #: L2436606

Client Information

Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information

Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #)
Project Manager:
ALPHAQuote #:

Turn-Around Time

Standard
Rush (only if pre approved)
Due Date: 2 Day TAT
# of Days:

Deliverables

ASP-A
ASP-B
EQuIS (1 File)
EQuIS (4 File)
Other

Regulatory Requirement

NY TOGS
NY Part 375
AWQ Standards
NY CP-51
NY Restricted Use
Other
NY Unrestricted Use
NYC Sewer Discharge

Billing Information

Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ
NY
Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	Total Bottle	Sample Specific Comments
36606-01	B-25 3.5	6-27-24	1400	Soil	CEH	X	X		
-02	B-26 3.5	↓	1410	Soil	CEH	X	X		
-03	Blind Dup 6-27-24		0800	Soil	CEH	X	X		

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Courtney Hardcastle	6-27-24/1525	[illegible]	6-27-24 15:25
[illegible]	6-27-24 15:26	[illegible]	6/28/24 01:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2436988
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	07/02/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436988-01	B-29 3.5	SOIL	BUFFALO, NY	06/28/24 14:00	06/28/24
L2436988-02	B-30 3.5	SOIL	BUFFALO, NY	06/28/24 14:05	06/28/24
L2436988-03	B-34 3.5	SOIL	BUFFALO, NY	06/28/24 14:15	06/28/24
L2436988-04	B-38 3.5	SOIL	BUFFALO, NY	06/28/24 14:20	06/28/24
L2436988-05	BLIND DUP	SOIL	BUFFALO, NY	06/28/24 08:00	06/28/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436988
Project Number:	4461.0001B002	**Report Date:**	07/02/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436988
Project Number:	4461.0001B002	**Report Date:**	07/02/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2436988-01 through -04: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2436988-01 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1941166-1 Method Blank, associated with L2436988-01 through -05, has a concentration above the reporting limit for chromium. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 07/02/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-01
Client ID: B-29 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/29/24 14:41
Analyst: MAG
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-01 Date Collected: 06/28/24 14:00

Client ID: B-29 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	91	40.	1
Freon-113	ND		ug/kg	4.6	0.79	1
Methyl cyclohexane	ND		ug/kg	4.6	0.69	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	108		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-02
Client ID: B-30 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/29/24 15:07
Analyst: MAG
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-02 Date Collected: 06/28/24 14:05

Client ID: B-30 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
Methyl Acetate	ND		ug/kg	3.8	0.89	1
Cyclohexane	ND		ug/kg	9.4	0.51	1
1,4-Dioxane	ND		ug/kg	75	33.	1
Freon-113	ND		ug/kg	3.8	0.65	1
Methyl cyclohexane	ND		ug/kg	3.8	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	108		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-03
Client ID: B-34 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:15
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/29/24 15:33
Analyst: MAG
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.12	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-03 Date Collected: 06/28/24 14:15

Client ID: B-34 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	ND		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.10	1
n-Propylbenzene	ND		ug/kg	0.92	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
Methyl Acetate	ND		ug/kg	3.7	0.88	1
Cyclohexane	ND		ug/kg	9.2	0.50	1
1,4-Dioxane	ND		ug/kg	74	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	107		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-04
Client ID: B-38 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:20
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/29/24 15:59
Analyst: MAG
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-04 Date Collected: 06/28/24 14:20

Client ID: B-38 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	ND		ug/kg	9.8	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
Methyl Acetate	ND		ug/kg	3.9	0.93	1
Cyclohexane	ND		ug/kg	9.8	0.53	1
1,4-Dioxane	ND		ug/kg	78	34.	1
Freon-113	ND		ug/kg	3.9	0.68	1
Methyl cyclohexane	ND		ug/kg	3.9	0.59	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/29/24 13:49
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1941663-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/29/24 13:49
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1941663-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/29/24 13:49
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1941663-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1941663-3 WG1941663-4								
Methylene chloride	93		88		70-130	6		30
1,1-Dichloroethane	92		87		70-130	6		30
Chloroform	91		86		70-130	6		30
Carbon tetrachloride	96		90		70-130	6		30
1,2-Dichloropropane	88		85		70-130	3		30
Dibromochloromethane	90		89		70-130	1		30
1,1,2-Trichloroethane	87		87		70-130	0		30
Tetrachloroethene	97		95		70-130	2		30
Chlorobenzene	92		87		70-130	6		30
Trichlorofluoromethane	108		97		70-139	11		30
1,2-Dichloroethane	89		87		70-130	2		30
1,1,1-Trichloroethane	99		91		70-130	8		30
Bromodichloromethane	89		87		70-130	2		30
trans-1,3-Dichloropropene	87		87		70-130	0		30
cis-1,3-Dichloropropene	89		86		70-130	3		30
Bromoform	88		91		70-130	3		30
1,1,2,2-Tetrachloroethane	86		89		70-130	3		30
Benzene	92		86		70-130	7		30
Toluene	96		89		70-130	8		30
Ethylbenzene	91		85		70-130	7		30
Chloromethane	97		88		52-130	10		30
Bromomethane	124		110		57-147	12		30
Vinyl chloride	102		92		67-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1941663-3 WG1941663-4								
Chloroethane	102		93		50-151	9		30
1,1-Dichloroethene	95		89		65-135	7		30
trans-1,2-Dichloroethene	93		87		70-130	7		30
Trichloroethene	93		88		70-130	6		30
1,2-Dichlorobenzene	92		89		70-130	3		30
1,3-Dichlorobenzene	93		90		70-130	3		30
1,4-Dichlorobenzene	91		88		70-130	3		30
Methyl tert butyl ether	84		83		66-130	1		30
p/m-Xylene	93		88		70-130	6		30
o-Xylene	91		87		70-130	4		30
cis-1,2-Dichloroethene	90		84		70-130	7		30
Styrene	96		92		70-130	4		30
Dichlorodifluoromethane	95		87		30-146	9		30
Acetone	86		86		54-140	0		30
Carbon disulfide	92		85		59-130	8		30
2-Butanone	87		85		70-130	2		30
4-Methyl-2-pentanone	88		89		70-130	1		30
2-Hexanone	88		88		70-130	0		30
Bromochloromethane	92		88		70-130	4		30
1,2-Dibromoethane	91		91		70-130	0		30
n-Butylbenzene	100		94		70-130	6		30
sec-Butylbenzene	94		89		70-130	5		30
1,2-Dibromo-3-chloropropane	85		90		68-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1941663-3 WG1941663-4								
Isopropylbenzene	90		86		70-130	5		30
p-Isopropyltoluene	95		90		70-130	5		30
n-Propylbenzene	90		88		70-130	2		30
1,2,3-Trichlorobenzene	93		92		70-130	1		30
1,2,4-Trichlorobenzene	97		93		70-130	4		30
1,3,5-Trimethylbenzene	90		87		70-130	3		30
1,2,4-Trimethylbenzene	89		86		70-130	3		30
Methyl Acetate	87		88		51-146	1		30
Cyclohexane	97		90		59-142	7		30
1,4-Dioxane	81		88		65-136	8		30
Freon-113	103		95		50-139	8		30
Methyl cyclohexane	97		90		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		101		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	95		93		70-130
Dibromofluoromethane	100		100		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-01
Client ID: B-29 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/01/24 19:35
Analyst: SZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/30/24 02:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-01 Date Collected: 06/28/24 14:00

Client ID: B-29 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-01 Date Collected: 06/28/24 14:00

Client ID: B-29 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	98		25-120
Phenol-d6	105		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	110		10-136
4-Terphenyl-d14	95		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-02
Client ID: B-30 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/01/24 19:59
Analyst: SZ
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/30/24 02:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-02 Date Collected: 06/28/24 14:05

Client ID: B-30 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-02 Date Collected: 06/28/24 14:05

Client ID: B-30 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		25-120
Phenol-d6	104		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	110		10-136
4-Terphenyl-d14	97		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-03
Client ID: B-34 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:15
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/01/24 20:22
Analyst: SZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/30/24 02:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-03 Date Collected: 06/28/24 14:15

Client ID: B-34 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-03 Date Collected: 06/28/24 14:15

Client ID: B-34 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	68		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-04
Client ID: B-38 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:20
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/01/24 21:32
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/30/24 02:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-04 Date Collected: 06/28/24 14:20

Client ID: B-38 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-04 Date Collected: 06/28/24 14:20

Client ID: B-38 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	69		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-05
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 08:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/01/24 21:55
Analyst: SZ
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/30/24 02:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-05 Date Collected: 06/28/24 08:00

Client ID: BLIND DUP Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-05 Date Collected: 06/28/24 08:00

Client ID: BLIND DUP Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	90		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/30/24 13:34
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/29/24 09:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1941188-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/30/24 13:34
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/29/24 09:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1941188-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/30/24 13:34
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/29/24 09:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1941188-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	66		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1941188-2 WG1941188-3								
Acenaphthene	75		80		31-137	6		50
Hexachlorobenzene	69		74		40-140	7		50
Bis(2-chloroethyl)ether	78		87		40-140	11		50
2-Chloronaphthalene	74		80		40-140	8		50
3,3'-Dichlorobenzidine	61		66		40-140	8		50
2,4-Dinitrotoluene	86		94		40-132	9		50
2,6-Dinitrotoluene	84		95		40-140	12		50
Fluoranthene	74		79		40-140	7		50
4-Chlorophenyl phenyl ether	72		78		40-140	8		50
4-Bromophenyl phenyl ether	74		79		40-140	7		50
Bis(2-chloroisopropyl)ether	98		110		40-140	12		50
Bis(2-chloroethoxy)methane	82		92		40-117	11		50
Hexachlorobutadiene	73		80		40-140	9		50
Hexachlorocyclopentadiene	80		92		40-140	14		50
Hexachloroethane	77		86		40-140	11		50
Isophorone	80		89		40-140	11		50
Naphthalene	74		82		40-140	10		50
Nitrobenzene	83		92		40-140	10		50
NDPA/DPA	76		80		36-157	5		50
n-Nitrosodi-n-propylamine	80		90		32-121	12		50
Bis(2-ethylhexyl)phthalate	92		100		40-140	8		50
Butyl benzyl phthalate	90		96		40-140	6		50
Di-n-butylphthalate	76		82		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1941188-2 WG1941188-3								
Di-n-octylphthalate	96		105		40-140	9		50
Diethyl phthalate	72		78		40-140	8		50
Dimethyl phthalate	73		79		40-140	8		50
Benzo(a)anthracene	78		84		40-140	7		50
Benzo(a)pyrene	78		86		40-140	10		50
Benzo(b)fluoranthene	81		86		40-140	6		50
Benzo(k)fluoranthene	74		82		40-140	10		50
Chrysene	80		86		40-140	7		50
Acenaphthylene	71		78		40-140	9		50
Anthracene	75		82		40-140	9		50
Benzo(ghi)perylene	76		84		40-140	10		50
Fluorene	73		79		40-140	8		50
Phenanthrene	73		79		40-140	8		50
Dibenzo(a,h)anthracene	75		84		40-140	11		50
Indeno(1,2,3-cd)pyrene	78		86		40-140	10		50
Pyrene	76		80		35-142	5		50
Biphenyl	74		81		37-127	9		50
4-Chloroaniline	80		86		40-140	7		50
2-Nitroaniline	91		100		47-134	9		50
3-Nitroaniline	72		75		26-129	4		50
4-Nitroaniline	80		86		41-125	7		50
Dibenzofuran	71		78		40-140	9		50
2-Methylnaphthalene	77		84		40-140	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1941188-2 WG1941188-3								
1,2,4,5-Tetrachlorobenzene	75		84		40-117	11		50
Acetophenone	82		92		14-144	11		50
2,4,6-Trichlorophenol	83		92		30-130	10		50
p-Chloro-m-cresol	80		89		26-103	11		50
2-Chlorophenol	81		91		25-102	12		50
2,4-Dichlorophenol	82		90		30-130	9		50
2,4-Dimethylphenol	92		102		30-130	10		50
2-Nitrophenol	95		106		30-130	11		50
4-Nitrophenol	99		107		11-114	8		50
2,4-Dinitrophenol	89		99		4-130	11		50
4,6-Dinitro-o-cresol	94		102		10-130	8		50
Pentachlorophenol	68		74		17-109	8		50
Phenol	79		89		26-90	12		50
2-Methylphenol	85		94		30-130.	10		50
3-Methylphenol/4-Methylphenol	90		101		30-130	12		50
2,4,5-Trichlorophenol	84		92		30-130	9		50
Carbazole	77		84		54-128	9		50
Atrazine	78		82		40-140	5		50
Benzaldehyde	71		80		40-140	12		50
Caprolactam	**132**	Q	**139**	Q	15-130	5		50
2,3,4,6-Tetrachlorophenol	83		89		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1941188-2 WG1941188-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		89		25-120
Phenol-d6	78		86		10-120
Nitrobenzene-d5	76		86		23-120
2-Fluorobiphenyl	68		73		30-120
2,4,6-Tribromophenol	62		66		10-136
4-Terphenyl-d14	64		69		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1941188-4 WG1941188-5 QC Sample: L2436988-04 Client ID: B-38 3.5												
Acenaphthene	ND	1510	1400	92		1400	93		31-137	0		50
Hexachlorobenzene	ND	1510	1400	92		1400	93		40-140	0		50
Bis(2-chloroethyl)ether	ND	1510	1300	86		1400	93		40-140	7		50
2-Chloronaphthalene	ND	1510	1300	86		1300	86		40-140	0		50
3,3'-Dichlorobenzidine	ND	1510	1300	86		1400	93		40-140	7		50
2,4-Dinitrotoluene	ND	1510	1300	86		1400	93		40-132	7		50
2,6-Dinitrotoluene	ND	1510	1300	86		1300	86		40-140	0		50
Fluoranthene	ND	1510	1400	92		1400	93		40-140	0		50
4-Chlorophenyl phenyl ether	ND	1510	1300	86		1300	86		40-140	0		50
4-Bromophenyl phenyl ether	ND	1510	1400	92		1400	93		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1510	1300	86		1400	93		40-140	7		50
Bis(2-chloroethoxy)methane	ND	1510	1400	92		1500	100		40-117	7		50
Hexachlorobutadiene	ND	1510	1200	79		1200	80		40-140	0		50
Hexachlorocyclopentadiene	ND	1510	500J	**33**	Q	450J	**30**	Q	40-140	11		50
Hexachloroethane	ND	1510	1100	73		1200	80		40-140	9		50
Isophorone	ND	1510	1400	92		1400	93		40-140	0		50
Naphthalene	ND	1510	1300	86		1300	86		40-140	0		50
Nitrobenzene	ND	1510	1500	99		1600	110		40-140	6		50
NDPA/DPA	ND	1510	1400	92		1400	93		36-157	0		50
n-Nitrosodi-n-propylamine	ND	1510	1400	92		1500	100		32-121	7		50
Bis(2-ethylhexyl)phthalate	ND	1510	1600	110		1600	110		40-140	0		50
Butyl benzyl phthalate	ND	1510	1400	92		1400	93		40-140	0		50
Di-n-butylphthalate	ND	1510	1500	99		1400	93		40-140	7		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1941188-4 WG1941188-5 QC Sample: L2436988-04 Client ID: B-38 3.5												
Di-n-octylphthalate	ND	1510	1500	99		1500	100		40-140	0		50
Diethyl phthalate	ND	1510	1400	92		1400	93		40-140	0		50
Dimethyl phthalate	ND	1510	1300	86		1300	86		40-140	0		50
Benzo(a)anthracene	ND	1510	1300	86		1300	86		40-140	0		50
Benzo(a)pyrene	ND	1510	1300	86		1400	93		40-140	7		50
Benzo(b)fluoranthene	ND	1510	1300	86		1400	93		40-140	7		50
Benzo(k)fluoranthene	ND	1510	1300	86		1300	86		40-140	0		50
Chrysene	ND	1510	1300	86		1300	86		40-140	0		50
Acenaphthylene	ND	1510	1300	86		1300	86		40-140	0		50
Anthracene	ND	1510	1400	92		1400	93		40-140	0		50
Benzo(ghi)perylene	ND	1510	1200	79		1200	80		40-140	0		50
Fluorene	ND	1510	1300	86		1300	86		40-140	0		50
Phenanthrene	ND	1510	1300	86		1300	86		40-140	0		50
Dibenzo(a,h)anthracene	ND	1510	1200	79		1200	80		40-140	0		50
Indeno(1,2,3-cd)pyrene	ND	1510	1200	79		1300	86		40-140	8		50
Pyrene	ND	1510	1400	92		1400	93		35-142	0		50
Biphenyl	ND	1510	1300	86		1300	86		37-127	0		50
4-Chloroaniline	ND	1510	1300	86		1400	93		40-140	7		50
2-Nitroaniline	ND	1510	1700	110		1800	120		47-134	6		50
3-Nitroaniline	ND	1510	1700	110		1800	120		26-129	6		50
4-Nitroaniline	ND	1510	1800	120		1900	**130**	Q	41-125	5		50
Dibenzofuran	ND	1510	1300	86		1300	86		40-140	0		50
2-Methylnaphthalene	ND	1510	1300	86		1400	93		40-140	7		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1941188-4 WG1941188-5 QC Sample: L2436988-04 Client ID: B-38 3.5												
1,2,4,5-Tetrachlorobenzene	ND	1510	1400	92		1400	93		40-117	0		50
Acetophenone	ND	1510	1400	92		1500	100		14-144	7		50
2,4,6-Trichlorophenol	ND	1510	1400	92		1500	100		30-130	7		50
p-Chloro-m-cresol	ND	1510	1500	99		1600	**110**	Q	26-103	6		50
2-Chlorophenol	ND	1510	1400	92		1500	100		25-102	7		50
2,4-Dichlorophenol	ND	1510	1400	92		1500	100		30-130	7		50
2,4-Dimethylphenol	ND	1510	1300	86		1300	86		30-130	0		50
2-Nitrophenol	ND	1510	1200	79		1300	86		30-130	8		50
4-Nitrophenol	ND	1510	1400	92		1500	100		11-114	7		50
2,4-Dinitrophenol	ND	1510	170J	11		170J	11		4-130	0		50
4,6-Dinitro-o-cresol	ND	1510	270J	18		260J	17		10-130	4		50
Pentachlorophenol	ND	1510	1300	86		1300	86		17-109	0		50
Phenol	ND	1510	1400	**92**	Q	1500	**100**	Q	26-90	7		50
2-Methylphenol	ND	1510	1400	92		1500	100		30-130.	7		50
3-Methylphenol/4-Methylphenol	ND	1510	1500	99		1600	110		30-130	6		50
2,4,5-Trichlorophenol	ND	1510	1500	99		1500	100		30-130	0		50
Carbazole	ND	1510	1400	92		1400	93		54-128	0		50
Atrazine	ND	1510	1300	86		1300	86		40-140	0		50
Benzaldehyde	ND	1510	1300	86		1300	86		40-140	0		50
Caprolactam	ND	1510	1500	99		1600	110		15-130	6		50
2,3,4,6-Tetrachlorophenol	ND	1510	1600	110		1700	110		40-140	6		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1941188-4 WG1941188-5 QC Sample: L2436988-04 Client ID: B-38 3.5												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	95		97		10-136
2-Fluorobiphenyl	73		75		30-120
2-Fluorophenol	84		90		25-120
4-Terphenyl-d14	72		81		18-120
Nitrobenzene-d5	90		97		23-120
Phenol-d6	89		94		10-120

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-01
Client ID: B-29 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 19:46
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/30/24 00:50
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.6	4.94	1	A
Aroclor 1221	ND		ug/kg	55.6	5.57	1	A
Aroclor 1232	ND		ug/kg	55.6	11.8	1	A
Aroclor 1242	ND		ug/kg	55.6	7.49	1	A
Aroclor 1248	ND		ug/kg	55.6	8.34	1	A
Aroclor 1254	ND		ug/kg	55.6	6.08	1	A
Aroclor 1260	ND		ug/kg	55.6	10.3	1	A
Aroclor 1262	ND		ug/kg	55.6	7.06	1	A
Aroclor 1268	ND		ug/kg	55.6	5.76	1	A
PCBs, Total	ND		ug/kg	55.6	4.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-02
Client ID: B-30 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 19:54
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/30/24 00:50
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.0	4.98	1	A
Aroclor 1221	ND		ug/kg	56.0	5.62	1	A
Aroclor 1232	ND		ug/kg	56.0	11.9	1	A
Aroclor 1242	ND		ug/kg	56.0	7.56	1	A
Aroclor 1248	ND		ug/kg	56.0	8.41	1	A
Aroclor 1254	ND		ug/kg	56.0	6.13	1	A
Aroclor 1260	ND		ug/kg	56.0	10.4	1	A
Aroclor 1262	ND		ug/kg	56.0	7.12	1	A
Aroclor 1268	ND		ug/kg	56.0	5.81	1	A
PCBs, Total	ND		ug/kg	56.0	4.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-03
Client ID: B-34 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:15
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 20:02
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/30/24 00:50
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.4	5.10	1	A
Aroclor 1221	ND		ug/kg	57.4	5.75	1	A
Aroclor 1232	ND		ug/kg	57.4	12.2	1	A
Aroclor 1242	ND		ug/kg	57.4	7.74	1	A
Aroclor 1248	10.0	J	ug/kg	57.4	8.61	1	B
Aroclor 1254	ND		ug/kg	57.4	6.28	1	B
Aroclor 1260	ND		ug/kg	57.4	10.6	1	A
Aroclor 1262	ND		ug/kg	57.4	7.29	1	A
Aroclor 1268	ND		ug/kg	57.4	5.95	1	A
PCBs, Total	10.0	J	ug/kg	57.4	5.10	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-04
Client ID: B-38 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:20
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 20:10
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/30/24 01:09
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.4	4.83	1	A
Aroclor 1221	ND		ug/kg	54.4	5.45	1	A
Aroclor 1232	ND		ug/kg	54.4	11.5	1	A
Aroclor 1242	ND		ug/kg	54.4	7.34	1	A
Aroclor 1248	ND		ug/kg	54.4	8.16	1	A
Aroclor 1254	ND		ug/kg	54.4	5.95	1	A
Aroclor 1260	ND		ug/kg	54.4	10.0	1	A
Aroclor 1262	ND		ug/kg	54.4	6.91	1	A
Aroclor 1268	ND		ug/kg	54.4	5.64	1	A
PCBs, Total	ND		ug/kg	54.4	4.83	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/01/24 18:58
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/30/24 00:50
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG1941330-1						
Aroclor 1016	ND		ug/kg	46.9	4.17	A
Aroclor 1221	ND		ug/kg	46.9	4.70	A
Aroclor 1232	ND		ug/kg	46.9	9.95	A
Aroclor 1242	ND		ug/kg	46.9	6.33	A
Aroclor 1248	ND		ug/kg	46.9	7.04	A
Aroclor 1254	ND		ug/kg	46.9	5.14	A
Aroclor 1260	ND		ug/kg	46.9	8.68	A
Aroclor 1262	ND		ug/kg	46.9	5.96	A
Aroclor 1268	ND		ug/kg	46.9	4.86	A
PCBs, Total	ND		ug/kg	46.9	4.17	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	81		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1941330-2 WG1941330-3									
Aroclor 1016	68		62		40-140	9		50	A
Aroclor 1260	70		64		40-140	9		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		57		30-150	A
Decachlorobiphenyl	75		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		59		30-150	B
Decachlorobiphenyl	79		70		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1941330-4 WG1941330-5 QC Sample: L2436988-04 Client ID: B-38 3.5													
Aroclor 1016	ND	350	241	69		228	65		40-140	6		50	A
Aroclor 1260	ND	350	245	70		223	63		40-140	9		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		61		30-150	A
Decachlorobiphenyl	73		64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		64		30-150	B
Decachlorobiphenyl	78		69		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-01
Client ID: B-29 3.5
Sample Location: BUFFALO, NY
Date Collected: 06/28/24 14:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.25		mg/kg	0.926	0.192	2	06/29/24 10:55	07/01/24 23:07	EPA 3050B	1,6010D	DMC
Barium, Total	83.6		mg/kg	0.926	0.161	2	06/29/24 10:55	07/01/24 23:07	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.926	0.091	2	06/29/24 10:55	07/01/24 23:07	EPA 3050B	1,6010D	DMC
Chromium, Total	16.4		mg/kg	0.926	0.089	2	06/29/24 10:55	07/01/24 23:07	EPA 3050B	1,6010D	DMC
Lead, Total	15.2		mg/kg	4.63	0.248	2	06/29/24 10:55	07/01/24 23:07	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.075	0.049	1	06/29/24 13:20	07/01/24 12:54	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.85	0.239	2	06/29/24 10:55	07/01/24 23:07	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.463	0.262	2	06/29/24 10:55	07/01/24 23:07	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Lab Number: L2436988
Project Number: 4461.0001B002
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-02
Client ID: B-30 3.5
Sample Location: BUFFALO, NY
Date Collected: 06/28/24 14:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.34		mg/kg	0.913	0.190	2	06/29/24 10:55	07/01/24 23:11	EPA 3050B	1,6010D	DMC
Barium, Total	100		mg/kg	0.913	0.159	2	06/29/24 10:55	07/01/24 23:11	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.913	0.090	2	06/29/24 10:55	07/01/24 23:11	EPA 3050B	1,6010D	DMC
Chromium, Total	15.2		mg/kg	0.913	0.088	2	06/29/24 10:55	07/01/24 23:11	EPA 3050B	1,6010D	DMC
Lead, Total	13.3		mg/kg	4.57	0.245	2	06/29/24 10:55	07/01/24 23:11	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.076	0.049	1	06/29/24 13:20	07/01/24 12:57	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.83	0.236	2	06/29/24 10:55	07/01/24 23:11	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.457	0.258	2	06/29/24 10:55	07/01/24 23:11	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-03
Client ID: B-34 3.5
Sample Location: BUFFALO, NY
Date Collected: 06/28/24 14:15
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.43		mg/kg	0.892	0.186	2	06/29/24 10:55	07/01/24 23:15	EPA 3050B	1,6010D	DMC
Barium, Total	106		mg/kg	0.892	0.155	2	06/29/24 10:55	07/01/24 23:15	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.892	0.087	2	06/29/24 10:55	07/01/24 23:15	EPA 3050B	1,6010D	DMC
Chromium, Total	16.9		mg/kg	0.892	0.086	2	06/29/24 10:55	07/01/24 23:15	EPA 3050B	1,6010D	DMC
Lead, Total	17.3		mg/kg	4.46	0.239	2	06/29/24 10:55	07/01/24 23:15	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.076	0.049	1	06/29/24 13:20	07/01/24 13:01	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.78	0.230	2	06/29/24 10:55	07/01/24 23:15	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.446	0.252	2	06/29/24 10:55	07/01/24 23:15	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Lab Number: L2436988
Project Number: 4461.0001B002
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-04
Client ID: B-38 3.5
Sample Location: BUFFALO, NY
Date Collected: 06/28/24 14:20
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.37		mg/kg	0.900	0.187	2	06/29/24 10:55	06/30/24 17:15	EPA 3050B	1,6010D	TAA
Barium, Total	93.9		mg/kg	0.900	0.156	2	06/29/24 10:55	06/30/24 17:15	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.134	J	mg/kg	0.900	0.088	2	06/29/24 10:55	06/30/24 17:15	EPA 3050B	1,6010D	TAA
Chromium, Total	15.5		mg/kg	0.900	0.086	2	06/29/24 10:55	06/30/24 17:15	EPA 3050B	1,6010D	TAA
Lead, Total	16.7		mg/kg	4.50	0.241	2	06/29/24 10:55	06/30/24 17:15	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.073	0.048	1	06/29/24 13:20	07/01/24 11:43	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.80	0.232	2	06/29/24 10:55	06/30/24 17:15	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.450	0.254	2	06/29/24 10:55	06/30/24 17:15	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-05
Client ID: BLIND DUP
Sample Location: BUFFALO, NY
Date Collected: 06/28/24 08:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.09		mg/kg	0.874	0.182	2	06/29/24 10:55	07/01/24 23:37	EPA 3050B	1,6010D	DMC
Barium, Total	97.1		mg/kg	0.874	0.152	2	06/29/24 10:55	07/01/24 23:37	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.874	0.086	2	06/29/24 10:55	07/01/24 23:37	EPA 3050B	1,6010D	DMC
Chromium, Total	15.6		mg/kg	0.874	0.084	2	06/29/24 10:55	07/01/24 23:37	EPA 3050B	1,6010D	DMC
Lead, Total	13.2		mg/kg	4.37	0.234	2	06/29/24 10:55	07/01/24 23:37	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/29/24 13:20	07/01/24 13:04	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.75	0.226	2	06/29/24 10:55	07/01/24 23:37	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.437	0.247	2	06/29/24 10:55	07/01/24 23:37	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1941166-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Chromium, Total	0.453		mg/kg	0.400	0.038	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1941167-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/29/24 13:20	07/01/24 11:37	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1941166-2								
Arsenic, Total	107		-		80-120	-		
Barium, Total	112		-		80-120	-		
Cadmium, Total	109		-		80-120	-		
Chromium, Total	109		-		80-120	-		
Lead, Total	109		-		80-120	-		
Selenium, Total	109		-		80-120	-		
Silver, Total	113		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1941167-2								
Mercury, Total	101		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1941166-3 WG1941166-4 QC Sample: L2436988-04 Client ID: B-38 3.5												
Arsenic, Total	5.37	10.8	17.0	108		18.0	116		75-125	6		20
Barium, Total	93.9	180	273	99		265	94		75-125	3		20
Cadmium, Total	0.134J	4.77	4.19	88		4.12	86		75-125	2		20
Chromium, Total	15.5	18	33.2	98		34.2	103		75-125	3		20
Lead, Total	16.7	47.7	61.8	94		59.6	89		75-125	4		20
Selenium, Total	ND	10.8	10.0	92		10.1	93		75-125	1		20
Silver, Total	ND	4.5	4.54	101		4.45	98		75-125	2		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1941167-3 WG1941167-4 QC Sample: L2436988-04 Client ID: B-38 3.5												
Mercury, Total	ND	1.47	1.48	100		1.50	100		80-120	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2436988
Report Date: 07/02/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1941166-6 QC Sample: L2436988-04 Client ID: B-38 3.5						
Barium, Total	93.9	99.6	mg/kg	6		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-01
Client ID: B-29 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	06/29/24 07:00	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-02
Client ID: B-30 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	06/29/24 07:00	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-03
Client ID: B-34 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:15
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.3		%	0.100	NA	1	-	06/29/24 07:00	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-04
Client ID: B-38 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:20
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	06/29/24 07:00	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-05
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 08:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.3		%	0.100	NA	1	-	06/29/24 07:00	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1941120-1 QC Sample: L2436988-04 Client ID: B-38 3.5						
Solids, Total	86.1	82.4	%	4		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436988-01A	Glass 60ml unpreserved split	A	NA		4.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436988-01B	Vial Large Septa unpreserved (4oz)	A	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2436988-01C	Glass 500ml/16oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436988-01X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2436988-01Y	Vial Water preserved split	A	NA		4.0	Y	Absent	29-JUN-24 07:31	NYTCL-8260-R2(14)
L2436988-01Z	Vial Water preserved split	A	NA		4.0	Y	Absent	29-JUN-24 07:31	NYTCL-8260-R2(14)
L2436988-02A	Glass 60ml unpreserved split	A	NA		4.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2436988-02B	Vial Large Septa unpreserved (4oz)	A	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2436988-02C	Glass 500ml/16oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436988-02X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2436988-02Y	Vial Water preserved split	A	NA		4.0	Y	Absent	29-JUN-24 07:31	NYTCL-8260-R2(14)
L2436988-02Z	Vial Water preserved split	A	NA		4.0	Y	Absent	29-JUN-24 07:31	NYTCL-8260-R2(14)
L2436988-03A	Glass 60ml unpreserved split	A	NA		4.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436988-03B	Vial Large Septa unpreserved (4oz)	A	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2436988-03C	Glass 500ml/16oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436988-03X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2436988-03Y	Vial Water preserved split	A	NA		4.0	Y	Absent	29-JUN-24 07:31	NYTCL-8260-R2(14)
L2436988-03Z	Vial Water preserved split	A	NA		4.0	Y	Absent	29-JUN-24 07:31	NYTCL-8260-R2(14)
L2436988-04A	Glass 60ml unpreserved split	A	NA		4.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436988-04A1	Glass 60ml unpreserved split	A	NA		4.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436988-04A2	Glass 60ml unpreserved split	A	NA		4.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436988-04B	Vial Large Septa unpreserved (4oz)	A	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2436988-04C	Glass 500ml/16oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436988-04C1	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436988-04C2	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436988-04X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2436988-04Y	Vial Water preserved split	A	NA		4.0	Y	Absent	29-JUN-24 07:31	NYTCL-8260-R2(14)
L2436988-04Z	Vial Water preserved split	A	NA		4.0	Y	Absent	29-JUN-24 07:31	NYTCL-8260-R2(14)
L2436988-05A	Glass 60ml unpreserved split	A	NA		4.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436988-05B	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436988
Project Number:	4461.0001B002	**Report Date:**	07/02/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436988
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436988
Project Number:	4461.0001B002	**Report Date:**	07/02/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436988
Project Number:	4461.0001B002	**Report Date:**	07/02/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 6/29/24

ALPHA Job #: L2436988

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	TCL + CP-51 VOCs	PCBs	Total Bottle	Sample Specific Comments
36988-01	B-29 3.5	6-28-24	1400	Soil	CEH	X	X	X	X		
02	B-30 3.5		1405			X	X	X	X		
03	B-34 3.5		1416			X	X	X	X		
04	B-38 3.5		1420			X	X	X	X		
04	B-38 MS/MSD		1420			X	X				
05	Blind DUP		0800			X	X				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Chester Hochreuter	6-28-24 1510	[illegible] PIKE	6/28/24 1510
[illegible] PIKE	6/28/24 1510	[signature]	6/29/24 0:50

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2436988
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	07/02/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436988-01	B-29 3.5	SOIL	BUFFALO, NY	06/28/24 14:00	06/28/24
L2436988-02	B-30 3.5	SOIL	BUFFALO, NY	06/28/24 14:05	06/28/24
L2436988-03	B-34 3.5	SOIL	BUFFALO, NY	06/28/24 14:15	06/28/24
L2436988-04	B-38 3.5	SOIL	BUFFALO, NY	06/28/24 14:20	06/28/24
L2436988-05	BLIND DUP	SOIL	BUFFALO, NY	06/28/24 08:00	06/28/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436988
Project Number:	4461.0001B002	**Report Date:**	07/02/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436988
Project Number:	4461.0001B002	**Report Date:**	07/02/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2436988-01 through -04: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2436988-01 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1941166-1 Method Blank, associated with L2436988-01 through -05, has a concentration above the reporting limit for chromium. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 07/02/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-01
Client ID: B-29 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/29/24 14:41
Analyst: MAG
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.79	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-01 Date Collected: 06/28/24 14:00

Client ID: B-29 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	91	40.	1
Freon-113	ND		ug/kg	4.6	0.79	1
Methyl cyclohexane	ND		ug/kg	4.6	0.69	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	108		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-02
Client ID: B-30 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/29/24 15:07
Analyst: MAG
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-02 Date Collected: 06/28/24 14:05

Client ID: B-30 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
Methyl Acetate	ND		ug/kg	3.8	0.89	1
Cyclohexane	ND		ug/kg	9.4	0.51	1
1,4-Dioxane	ND		ug/kg	75	33.	1
Freon-113	ND		ug/kg	3.8	0.65	1
Methyl cyclohexane	ND		ug/kg	3.8	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	108		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-03
Client ID: B-34 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:15
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/29/24 15:33
Analyst: MAG
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.12	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-03 Date Collected: 06/28/24 14:15

Client ID: B-34 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	ND		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.10	1
n-Propylbenzene	ND		ug/kg	0.92	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
Methyl Acetate	ND		ug/kg	3.7	0.88	1
Cyclohexane	ND		ug/kg	9.2	0.50	1
1,4-Dioxane	ND		ug/kg	74	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	107		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-04
Client ID: B-38 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:20
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 06/29/24 15:59
Analyst: MAG
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.98	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.98	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.98	0.12	1
Dibromochloromethane	ND		ug/kg	0.98	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.98	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.68	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.98	0.53	1
Ethylbenzene	ND		ug/kg	0.98	0.14	1
Chloromethane	ND		ug/kg	3.9	0.91	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.98	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.98	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.13	1
Trichloroethene	ND		ug/kg	0.49	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-04 Date Collected: 06/28/24 14:20

Client ID: B-38 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.98	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.17	1
Styrene	ND		ug/kg	0.98	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.90	1
Acetone	ND		ug/kg	9.8	4.7	1
Carbon disulfide	ND		ug/kg	9.8	4.5	1
2-Butanone	ND		ug/kg	9.8	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	1.2	1
2-Hexanone	ND		ug/kg	9.8	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.98	0.27	1
n-Butylbenzene	ND		ug/kg	0.98	0.16	1
sec-Butylbenzene	ND		ug/kg	0.98	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.98	1
Isopropylbenzene	ND		ug/kg	0.98	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.11	1
n-Propylbenzene	ND		ug/kg	0.98	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
Methyl Acetate	ND		ug/kg	3.9	0.93	1
Cyclohexane	ND		ug/kg	9.8	0.53	1
1,4-Dioxane	ND		ug/kg	78	34.	1
Freon-113	ND		ug/kg	3.9	0.68	1
Methyl cyclohexane	ND		ug/kg	3.9	0.59	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/29/24 13:49
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1941663-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/29/24 13:49
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1941663-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/29/24 13:49
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1941663-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1941663-3 WG1941663-4								
Methylene chloride	93		88		70-130	6		30
1,1-Dichloroethane	92		87		70-130	6		30
Chloroform	91		86		70-130	6		30
Carbon tetrachloride	96		90		70-130	6		30
1,2-Dichloropropane	88		85		70-130	3		30
Dibromochloromethane	90		89		70-130	1		30
1,1,2-Trichloroethane	87		87		70-130	0		30
Tetrachloroethene	97		95		70-130	2		30
Chlorobenzene	92		87		70-130	6		30
Trichlorofluoromethane	108		97		70-139	11		30
1,2-Dichloroethane	89		87		70-130	2		30
1,1,1-Trichloroethane	99		91		70-130	8		30
Bromodichloromethane	89		87		70-130	2		30
trans-1,3-Dichloropropene	87		87		70-130	0		30
cis-1,3-Dichloropropene	89		86		70-130	3		30
Bromoform	88		91		70-130	3		30
1,1,2,2-Tetrachloroethane	86		89		70-130	3		30
Benzene	92		86		70-130	7		30
Toluene	96		89		70-130	8		30
Ethylbenzene	91		85		70-130	7		30
Chloromethane	97		88		52-130	10		30
Bromomethane	124		110		57-147	12		30
Vinyl chloride	102		92		67-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1941663-3 WG1941663-4								
Chloroethane	102		93		50-151	9		30
1,1-Dichloroethene	95		89		65-135	7		30
trans-1,2-Dichloroethene	93		87		70-130	7		30
Trichloroethene	93		88		70-130	6		30
1,2-Dichlorobenzene	92		89		70-130	3		30
1,3-Dichlorobenzene	93		90		70-130	3		30
1,4-Dichlorobenzene	91		88		70-130	3		30
Methyl tert butyl ether	84		83		66-130	1		30
p/m-Xylene	93		88		70-130	6		30
o-Xylene	91		87		70-130	4		30
cis-1,2-Dichloroethene	90		84		70-130	7		30
Styrene	96		92		70-130	4		30
Dichlorodifluoromethane	95		87		30-146	9		30
Acetone	86		86		54-140	0		30
Carbon disulfide	92		85		59-130	8		30
2-Butanone	87		85		70-130	2		30
4-Methyl-2-pentanone	88		89		70-130	1		30
2-Hexanone	88		88		70-130	0		30
Bromochloromethane	92		88		70-130	4		30
1,2-Dibromoethane	91		91		70-130	0		30
n-Butylbenzene	100		94		70-130	6		30
sec-Butylbenzene	94		89		70-130	5		30
1,2-Dibromo-3-chloropropane	85		90		68-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1941663-3 WG1941663-4								
Isopropylbenzene	90		86		70-130	5		30
p-Isopropyltoluene	95		90		70-130	5		30
n-Propylbenzene	90		88		70-130	2		30
1,2,3-Trichlorobenzene	93		92		70-130	1		30
1,2,4-Trichlorobenzene	97		93		70-130	4		30
1,3,5-Trimethylbenzene	90		87		70-130	3		30
1,2,4-Trimethylbenzene	89		86		70-130	3		30
Methyl Acetate	87		88		51-146	1		30
Cyclohexane	97		90		59-142	7		30
1,4-Dioxane	81		88		65-136	8		30
Freon-113	103		95		50-139	8		30
Methyl cyclohexane	97		90		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		101		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	95		93		70-130
Dibromofluoromethane	100		100		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-01
Client ID: B-29 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/01/24 19:35
Analyst: SZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/30/24 02:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-01 Date Collected: 06/28/24 14:00

Client ID: B-29 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-01 Date Collected: 06/28/24 14:00

Client ID: B-29 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	98		25-120
Phenol-d6	105		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	110		10-136
4-Terphenyl-d14	95		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-02
Client ID: B-30 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/01/24 19:59
Analyst: SZ
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/30/24 02:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-02 Date Collected: 06/28/24 14:05

Client ID: B-30 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-02 Date Collected: 06/28/24 14:05

Client ID: B-30 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		25-120
Phenol-d6	104		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	110		10-136
4-Terphenyl-d14	97		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-03
Client ID: B-34 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:15
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/01/24 20:22
Analyst: SZ
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/30/24 02:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-03 Date Collected: 06/28/24 14:15

Client ID: B-34 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-03 Date Collected: 06/28/24 14:15

Client ID: B-34 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	68		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-04
Client ID: B-38 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:20
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/01/24 21:32
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/30/24 02:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-04 Date Collected: 06/28/24 14:20

Client ID: B-38 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-04 Date Collected: 06/28/24 14:20

Client ID: B-38 3.5 Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	69		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-05
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 08:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/01/24 21:55
Analyst: SZ
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/30/24 02:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-05 Date Collected: 06/28/24 08:00

Client ID: BLIND DUP Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-05 Date Collected: 06/28/24 08:00

Client ID: BLIND DUP Date Received: 06/28/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	90		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/30/24 13:34
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/29/24 09:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1941188-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/30/24 13:34
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/29/24 09:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1941188-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/30/24 13:34
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/29/24 09:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1941188-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	66		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1941188-2 WG1941188-3								
Acenaphthene	75		80		31-137	6		50
Hexachlorobenzene	69		74		40-140	7		50
Bis(2-chloroethyl)ether	78		87		40-140	11		50
2-Chloronaphthalene	74		80		40-140	8		50
3,3'-Dichlorobenzidine	61		66		40-140	8		50
2,4-Dinitrotoluene	86		94		40-132	9		50
2,6-Dinitrotoluene	84		95		40-140	12		50
Fluoranthene	74		79		40-140	7		50
4-Chlorophenyl phenyl ether	72		78		40-140	8		50
4-Bromophenyl phenyl ether	74		79		40-140	7		50
Bis(2-chloroisopropyl)ether	98		110		40-140	12		50
Bis(2-chloroethoxy)methane	82		92		40-117	11		50
Hexachlorobutadiene	73		80		40-140	9		50
Hexachlorocyclopentadiene	80		92		40-140	14		50
Hexachloroethane	77		86		40-140	11		50
Isophorone	80		89		40-140	11		50
Naphthalene	74		82		40-140	10		50
Nitrobenzene	83		92		40-140	10		50
NDPA/DPA	76		80		36-157	5		50
n-Nitrosodi-n-propylamine	80		90		32-121	12		50
Bis(2-ethylhexyl)phthalate	92		100		40-140	8		50
Butyl benzyl phthalate	90		96		40-140	6		50
Di-n-butylphthalate	76		82		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1941188-2 WG1941188-3								
Di-n-octylphthalate	96		105		40-140	9		50
Diethyl phthalate	72		78		40-140	8		50
Dimethyl phthalate	73		79		40-140	8		50
Benzo(a)anthracene	78		84		40-140	7		50
Benzo(a)pyrene	78		86		40-140	10		50
Benzo(b)fluoranthene	81		86		40-140	6		50
Benzo(k)fluoranthene	74		82		40-140	10		50
Chrysene	80		86		40-140	7		50
Acenaphthylene	71		78		40-140	9		50
Anthracene	75		82		40-140	9		50
Benzo(ghi)perylene	76		84		40-140	10		50
Fluorene	73		79		40-140	8		50
Phenanthrene	73		79		40-140	8		50
Dibenzo(a,h)anthracene	75		84		40-140	11		50
Indeno(1,2,3-cd)pyrene	78		86		40-140	10		50
Pyrene	76		80		35-142	5		50
Biphenyl	74		81		37-127	9		50
4-Chloroaniline	80		86		40-140	7		50
2-Nitroaniline	91		100		47-134	9		50
3-Nitroaniline	72		75		26-129	4		50
4-Nitroaniline	80		86		41-125	7		50
Dibenzofuran	71		78		40-140	9		50
2-Methylnaphthalene	77		84		40-140	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1941188-2 WG1941188-3								
1,2,4,5-Tetrachlorobenzene	75		84		40-117	11		50
Acetophenone	82		92		14-144	11		50
2,4,6-Trichlorophenol	83		92		30-130	10		50
p-Chloro-m-cresol	80		89		26-103	11		50
2-Chlorophenol	81		91		25-102	12		50
2,4-Dichlorophenol	82		90		30-130	9		50
2,4-Dimethylphenol	92		102		30-130	10		50
2-Nitrophenol	95		106		30-130	11		50
4-Nitrophenol	99		107		11-114	8		50
2,4-Dinitrophenol	89		99		4-130	11		50
4,6-Dinitro-o-cresol	94		102		10-130	8		50
Pentachlorophenol	68		74		17-109	8		50
Phenol	79		89		26-90	12		50
2-Methylphenol	85		94		30-130.	10		50
3-Methylphenol/4-Methylphenol	90		101		30-130	12		50
2,4,5-Trichlorophenol	84		92		30-130	9		50
Carbazole	77		84		54-128	9		50
Atrazine	78		82		40-140	5		50
Benzaldehyde	71		80		40-140	12		50
Caprolactam	**132**	Q	**139**	Q	15-130	5		50
2,3,4,6-Tetrachlorophenol	83		89		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1941188-2 WG1941188-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		89		25-120
Phenol-d6	78		86		10-120
Nitrobenzene-d5	76		86		23-120
2-Fluorobiphenyl	68		73		30-120
2,4,6-Tribromophenol	62		66		10-136
4-Terphenyl-d14	64		69		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1941188-4 WG1941188-5 QC Sample: L2436988-04 Client ID: B-38 3.5												
Acenaphthene	ND	1510	1400	92		1400	93		31-137	0		50
Hexachlorobenzene	ND	1510	1400	92		1400	93		40-140	0		50
Bis(2-chloroethyl)ether	ND	1510	1300	86		1400	93		40-140	7		50
2-Chloronaphthalene	ND	1510	1300	86		1300	86		40-140	0		50
3,3'-Dichlorobenzidine	ND	1510	1300	86		1400	93		40-140	7		50
2,4-Dinitrotoluene	ND	1510	1300	86		1400	93		40-132	7		50
2,6-Dinitrotoluene	ND	1510	1300	86		1300	86		40-140	0		50
Fluoranthene	ND	1510	1400	92		1400	93		40-140	0		50
4-Chlorophenyl phenyl ether	ND	1510	1300	86		1300	86		40-140	0		50
4-Bromophenyl phenyl ether	ND	1510	1400	92		1400	93		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1510	1300	86		1400	93		40-140	7		50
Bis(2-chloroethoxy)methane	ND	1510	1400	92		1500	100		40-117	7		50
Hexachlorobutadiene	ND	1510	1200	79		1200	80		40-140	0		50
Hexachlorocyclopentadiene	ND	1510	500J	**33**	Q	450J	**30**	Q	40-140	11		50
Hexachloroethane	ND	1510	1100	73		1200	80		40-140	9		50
Isophorone	ND	1510	1400	92		1400	93		40-140	0		50
Naphthalene	ND	1510	1300	86		1300	86		40-140	0		50
Nitrobenzene	ND	1510	1500	99		1600	110		40-140	6		50
NDPA/DPA	ND	1510	1400	92		1400	93		36-157	0		50
n-Nitrosodi-n-propylamine	ND	1510	1400	92		1500	100		32-121	7		50
Bis(2-ethylhexyl)phthalate	ND	1510	1600	110		1600	110		40-140	0		50
Butyl benzyl phthalate	ND	1510	1400	92		1400	93		40-140	0		50
Di-n-butylphthalate	ND	1510	1500	99		1400	93		40-140	7		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1941188-4 WG1941188-5 QC Sample: L2436988-04 Client ID: B-38 3.5												
Di-n-octylphthalate	ND	1510	1500	99		1500	100		40-140	0		50
Diethyl phthalate	ND	1510	1400	92		1400	93		40-140	0		50
Dimethyl phthalate	ND	1510	1300	86		1300	86		40-140	0		50
Benzo(a)anthracene	ND	1510	1300	86		1300	86		40-140	0		50
Benzo(a)pyrene	ND	1510	1300	86		1400	93		40-140	7		50
Benzo(b)fluoranthene	ND	1510	1300	86		1400	93		40-140	7		50
Benzo(k)fluoranthene	ND	1510	1300	86		1300	86		40-140	0		50
Chrysene	ND	1510	1300	86		1300	86		40-140	0		50
Acenaphthylene	ND	1510	1300	86		1300	86		40-140	0		50
Anthracene	ND	1510	1400	92		1400	93		40-140	0		50
Benzo(ghi)perylene	ND	1510	1200	79		1200	80		40-140	0		50
Fluorene	ND	1510	1300	86		1300	86		40-140	0		50
Phenanthrene	ND	1510	1300	86		1300	86		40-140	0		50
Dibenzo(a,h)anthracene	ND	1510	1200	79		1200	80		40-140	0		50
Indeno(1,2,3-cd)pyrene	ND	1510	1200	79		1300	86		40-140	8		50
Pyrene	ND	1510	1400	92		1400	93		35-142	0		50
Biphenyl	ND	1510	1300	86		1300	86		37-127	0		50
4-Chloroaniline	ND	1510	1300	86		1400	93		40-140	7		50
2-Nitroaniline	ND	1510	1700	110		1800	120		47-134	6		50
3-Nitroaniline	ND	1510	1700	110		1800	120		26-129	6		50
4-Nitroaniline	ND	1510	1800	120		1900	**130**	Q	41-125	5		50
Dibenzofuran	ND	1510	1300	86		1300	86		40-140	0		50
2-Methylnaphthalene	ND	1510	1300	86		1400	93		40-140	7		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1941188-4 WG1941188-5 QC Sample: L2436988-04 Client ID: B-38 3.5												
1,2,4,5-Tetrachlorobenzene	ND	1510	1400	92		1400	93		40-117	0		50
Acetophenone	ND	1510	1400	92		1500	100		14-144	7		50
2,4,6-Trichlorophenol	ND	1510	1400	92		1500	100		30-130	7		50
p-Chloro-m-cresol	ND	1510	1500	99		1600	**110**	Q	26-103	6		50
2-Chlorophenol	ND	1510	1400	92		1500	100		25-102	7		50
2,4-Dichlorophenol	ND	1510	1400	92		1500	100		30-130	7		50
2,4-Dimethylphenol	ND	1510	1300	86		1300	86		30-130	0		50
2-Nitrophenol	ND	1510	1200	79		1300	86		30-130	8		50
4-Nitrophenol	ND	1510	1400	92		1500	100		11-114	7		50
2,4-Dinitrophenol	ND	1510	170J	11		170J	11		4-130	0		50
4,6-Dinitro-o-cresol	ND	1510	270J	18		260J	17		10-130	4		50
Pentachlorophenol	ND	1510	1300	86		1300	86		17-109	0		50
Phenol	ND	1510	1400	**92**	Q	1500	**100**	Q	26-90	7		50
2-Methylphenol	ND	1510	1400	92		1500	100		30-130.	7		50
3-Methylphenol/4-Methylphenol	ND	1510	1500	99		1600	110		30-130	6		50
2,4,5-Trichlorophenol	ND	1510	1500	99		1500	100		30-130	0		50
Carbazole	ND	1510	1400	92		1400	93		54-128	0		50
Atrazine	ND	1510	1300	86		1300	86		40-140	0		50
Benzaldehyde	ND	1510	1300	86		1300	86		40-140	0		50
Caprolactam	ND	1510	1500	99		1600	110		15-130	6		50
2,3,4,6-Tetrachlorophenol	ND	1510	1600	110		1700	110		40-140	6		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1941188-4 WG1941188-5 QC Sample: L2436988-04 Client ID: B-38 3.5												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	95		97		10-136
2-Fluorobiphenyl	73		75		30-120
2-Fluorophenol	84		90		25-120
4-Terphenyl-d14	72		81		18-120
Nitrobenzene-d5	90		97		23-120
Phenol-d6	89		94		10-120

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-01
Client ID: B-29 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 19:46
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/30/24 00:50
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.6	4.94	1	A
Aroclor 1221	ND		ug/kg	55.6	5.57	1	A
Aroclor 1232	ND		ug/kg	55.6	11.8	1	A
Aroclor 1242	ND		ug/kg	55.6	7.49	1	A
Aroclor 1248	ND		ug/kg	55.6	8.34	1	A
Aroclor 1254	ND		ug/kg	55.6	6.08	1	A
Aroclor 1260	ND		ug/kg	55.6	10.3	1	A
Aroclor 1262	ND		ug/kg	55.6	7.06	1	A
Aroclor 1268	ND		ug/kg	55.6	5.76	1	A
PCBs, Total	ND		ug/kg	55.6	4.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-02
Client ID: B-30 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 19:54
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/30/24 00:50
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.0	4.98	1	A
Aroclor 1221	ND		ug/kg	56.0	5.62	1	A
Aroclor 1232	ND		ug/kg	56.0	11.9	1	A
Aroclor 1242	ND		ug/kg	56.0	7.56	1	A
Aroclor 1248	ND		ug/kg	56.0	8.41	1	A
Aroclor 1254	ND		ug/kg	56.0	6.13	1	A
Aroclor 1260	ND		ug/kg	56.0	10.4	1	A
Aroclor 1262	ND		ug/kg	56.0	7.12	1	A
Aroclor 1268	ND		ug/kg	56.0	5.81	1	A
PCBs, Total	ND		ug/kg	56.0	4.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-03
Client ID: B-34 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:15
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 20:02
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 06/30/24 00:50
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.4	5.10	1	A
Aroclor 1221	ND		ug/kg	57.4	5.75	1	A
Aroclor 1232	ND		ug/kg	57.4	12.2	1	A
Aroclor 1242	ND		ug/kg	57.4	7.74	1	A
Aroclor 1248	10.0	J	ug/kg	57.4	8.61	1	B
Aroclor 1254	ND		ug/kg	57.4	6.28	1	B
Aroclor 1260	ND		ug/kg	57.4	10.6	1	A
Aroclor 1262	ND		ug/kg	57.4	7.29	1	A
Aroclor 1268	ND		ug/kg	57.4	5.95	1	A
PCBs, Total	10.0	J	ug/kg	57.4	5.10	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-04
Client ID: B-38 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:20
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/01/24 20:10
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 06/30/24 01:09
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.4	4.83	1	A
Aroclor 1221	ND		ug/kg	54.4	5.45	1	A
Aroclor 1232	ND		ug/kg	54.4	11.5	1	A
Aroclor 1242	ND		ug/kg	54.4	7.34	1	A
Aroclor 1248	ND		ug/kg	54.4	8.16	1	A
Aroclor 1254	ND		ug/kg	54.4	5.95	1	A
Aroclor 1260	ND		ug/kg	54.4	10.0	1	A
Aroclor 1262	ND		ug/kg	54.4	6.91	1	A
Aroclor 1268	ND		ug/kg	54.4	5.64	1	A
PCBs, Total	ND		ug/kg	54.4	4.83	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/01/24 18:58
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 06/30/24 00:50
Cleanup Method: EPA 3665A
Cleanup Date: 06/30/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG1941330-1						
Aroclor 1016	ND		ug/kg	46.9	4.17	A
Aroclor 1221	ND		ug/kg	46.9	4.70	A
Aroclor 1232	ND		ug/kg	46.9	9.95	A
Aroclor 1242	ND		ug/kg	46.9	6.33	A
Aroclor 1248	ND		ug/kg	46.9	7.04	A
Aroclor 1254	ND		ug/kg	46.9	5.14	A
Aroclor 1260	ND		ug/kg	46.9	8.68	A
Aroclor 1262	ND		ug/kg	46.9	5.96	A
Aroclor 1268	ND		ug/kg	46.9	4.86	A
PCBs, Total	ND		ug/kg	46.9	4.17	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	81		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1941330-2 WG1941330-3									
Aroclor 1016	68		62		40-140	9		50	A
Aroclor 1260	70		64		40-140	9		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		57		30-150	A
Decachlorobiphenyl	75		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		59		30-150	B
Decachlorobiphenyl	79		70		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1941330-4 WG1941330-5 QC Sample: L2436988-04 Client ID: B-38 3.5													
Aroclor 1016	ND	350	241	69		228	65		40-140	6		50	A
Aroclor 1260	ND	350	245	70		223	63		40-140	9		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		61		30-150	A
Decachlorobiphenyl	73		64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		64		30-150	B
Decachlorobiphenyl	78		69		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-01
Client ID: B-29 3.5
Sample Location: BUFFALO, NY
Date Collected: 06/28/24 14:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.25		mg/kg	0.926	0.192	2	06/29/24 10:55	07/01/24 23:07	EPA 3050B	1,6010D	DMC
Barium, Total	83.6		mg/kg	0.926	0.161	2	06/29/24 10:55	07/01/24 23:07	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.926	0.091	2	06/29/24 10:55	07/01/24 23:07	EPA 3050B	1,6010D	DMC
Chromium, Total	16.4		mg/kg	0.926	0.089	2	06/29/24 10:55	07/01/24 23:07	EPA 3050B	1,6010D	DMC
Lead, Total	15.2		mg/kg	4.63	0.248	2	06/29/24 10:55	07/01/24 23:07	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.075	0.049	1	06/29/24 13:20	07/01/24 12:54	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.85	0.239	2	06/29/24 10:55	07/01/24 23:07	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.463	0.262	2	06/29/24 10:55	07/01/24 23:07	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Lab Number: L2436988
Project Number: 4461.0001B002
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-02
Client ID: B-30 3.5
Sample Location: BUFFALO, NY
Date Collected: 06/28/24 14:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.34		mg/kg	0.913	0.190	2	06/29/24 10:55	07/01/24 23:11	EPA 3050B	1,6010D	DMC
Barium, Total	100		mg/kg	0.913	0.159	2	06/29/24 10:55	07/01/24 23:11	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.913	0.090	2	06/29/24 10:55	07/01/24 23:11	EPA 3050B	1,6010D	DMC
Chromium, Total	15.2		mg/kg	0.913	0.088	2	06/29/24 10:55	07/01/24 23:11	EPA 3050B	1,6010D	DMC
Lead, Total	13.3		mg/kg	4.57	0.245	2	06/29/24 10:55	07/01/24 23:11	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.076	0.049	1	06/29/24 13:20	07/01/24 12:57	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.83	0.236	2	06/29/24 10:55	07/01/24 23:11	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.457	0.258	2	06/29/24 10:55	07/01/24 23:11	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-03
Client ID: B-34 3.5
Sample Location: BUFFALO, NY
Date Collected: 06/28/24 14:15
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.43		mg/kg	0.892	0.186	2	06/29/24 10:55	07/01/24 23:15	EPA 3050B	1,6010D	DMC
Barium, Total	106		mg/kg	0.892	0.155	2	06/29/24 10:55	07/01/24 23:15	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.892	0.087	2	06/29/24 10:55	07/01/24 23:15	EPA 3050B	1,6010D	DMC
Chromium, Total	16.9		mg/kg	0.892	0.086	2	06/29/24 10:55	07/01/24 23:15	EPA 3050B	1,6010D	DMC
Lead, Total	17.3		mg/kg	4.46	0.239	2	06/29/24 10:55	07/01/24 23:15	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.076	0.049	1	06/29/24 13:20	07/01/24 13:01	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.78	0.230	2	06/29/24 10:55	07/01/24 23:15	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.446	0.252	2	06/29/24 10:55	07/01/24 23:15	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET
Lab Number: L2436988
Project Number: 4461.0001B002
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-04
Client ID: B-38 3.5
Sample Location: BUFFALO, NY
Date Collected: 06/28/24 14:20
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.37		mg/kg	0.900	0.187	2	06/29/24 10:55	06/30/24 17:15	EPA 3050B	1,6010D	TAA
Barium, Total	93.9		mg/kg	0.900	0.156	2	06/29/24 10:55	06/30/24 17:15	EPA 3050B	1,6010D	TAA
Cadmium, Total	0.134	J	mg/kg	0.900	0.088	2	06/29/24 10:55	06/30/24 17:15	EPA 3050B	1,6010D	TAA
Chromium, Total	15.5		mg/kg	0.900	0.086	2	06/29/24 10:55	06/30/24 17:15	EPA 3050B	1,6010D	TAA
Lead, Total	16.7		mg/kg	4.50	0.241	2	06/29/24 10:55	06/30/24 17:15	EPA 3050B	1,6010D	TAA
Mercury, Total	ND		mg/kg	0.073	0.048	1	06/29/24 13:20	07/01/24 11:43	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.80	0.232	2	06/29/24 10:55	06/30/24 17:15	EPA 3050B	1,6010D	TAA
Silver, Total	ND		mg/kg	0.450	0.254	2	06/29/24 10:55	06/30/24 17:15	EPA 3050B	1,6010D	TAA

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-05
Client ID: BLIND DUP
Sample Location: BUFFALO, NY
Date Collected: 06/28/24 08:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.09		mg/kg	0.874	0.182	2	06/29/24 10:55	07/01/24 23:37	EPA 3050B	1,6010D	DMC
Barium, Total	97.1		mg/kg	0.874	0.152	2	06/29/24 10:55	07/01/24 23:37	EPA 3050B	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.874	0.086	2	06/29/24 10:55	07/01/24 23:37	EPA 3050B	1,6010D	DMC
Chromium, Total	15.6		mg/kg	0.874	0.084	2	06/29/24 10:55	07/01/24 23:37	EPA 3050B	1,6010D	DMC
Lead, Total	13.2		mg/kg	4.37	0.234	2	06/29/24 10:55	07/01/24 23:37	EPA 3050B	1,6010D	DMC
Mercury, Total	ND		mg/kg	0.072	0.047	1	06/29/24 13:20	07/01/24 13:04	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.75	0.226	2	06/29/24 10:55	07/01/24 23:37	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.437	0.247	2	06/29/24 10:55	07/01/24 23:37	EPA 3050B	1,6010D	DMC

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2436988

Project Number: 4461.0001B002 **Report Date:** 07/02/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1941166-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Chromium, Total	0.453		mg/kg	0.400	0.038	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	06/29/24 10:55	07/01/24 11:04	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1941167-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/29/24 13:20	07/01/24 11:37	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1941166-2								
Arsenic, Total	107		-		80-120	-		
Barium, Total	112		-		80-120	-		
Cadmium, Total	109		-		80-120	-		
Chromium, Total	109		-		80-120	-		
Lead, Total	109		-		80-120	-		
Selenium, Total	109		-		80-120	-		
Silver, Total	113		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1941167-2								
Mercury, Total	101		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1941166-3 WG1941166-4 QC Sample: L2436988-04 Client ID: B-38 3.5												
Arsenic, Total	5.37	10.8	17.0	108		18.0	116		75-125	6		20
Barium, Total	93.9	180	273	99		265	94		75-125	3		20
Cadmium, Total	0.134J	4.77	4.19	88		4.12	86		75-125	2		20
Chromium, Total	15.5	18	33.2	98		34.2	103		75-125	3		20
Lead, Total	16.7	47.7	61.8	94		59.6	89		75-125	4		20
Selenium, Total	ND	10.8	10.0	92		10.1	93		75-125	1		20
Silver, Total	ND	4.5	4.54	101		4.45	98		75-125	2		20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1941167-3 WG1941167-4 QC Sample: L2436988-04 Client ID: B-38 3.5												
Mercury, Total	ND	1.47	1.48	100		1.50	100		80-120	1		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2436988
Report Date: 07/02/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1941166-6 QC Sample: L2436988-04 Client ID: B-38 3.5						
Barium, Total	93.9	99.6	mg/kg	6		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-01
Client ID: B-29 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	06/29/24 07:00	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-02
Client ID: B-30 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:05
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	06/29/24 07:00	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-03
Client ID: B-34 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:15
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.3		%	0.100	NA	1	-	06/29/24 07:00	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-04
Client ID: B-38 3.5
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 14:20
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	06/29/24 07:00	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

SAMPLE RESULTS

Lab ID: L2436988-05
Client ID: BLIND DUP
Sample Location: BUFFALO, NY

Date Collected: 06/28/24 08:00
Date Received: 06/28/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.3		%	0.100	NA	1	-	06/29/24 07:00	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2436988

Report Date: 07/02/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1941120-1 QC Sample: L2436988-04 Client ID: B-38 3.5						
Solids, Total	86.1	82.4	%	4		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436988-01A	Glass 60ml unpreserved split	A	NA		4.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436988-01B	Vial Large Septa unpreserved (4oz)	A	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2436988-01C	Glass 500ml/16oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436988-01X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2436988-01Y	Vial Water preserved split	A	NA		4.0	Y	Absent	29-JUN-24 07:31	NYTCL-8260-R2(14)
L2436988-01Z	Vial Water preserved split	A	NA		4.0	Y	Absent	29-JUN-24 07:31	NYTCL-8260-R2(14)
L2436988-02A	Glass 60ml unpreserved split	A	NA		4.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2436988-02B	Vial Large Septa unpreserved (4oz)	A	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2436988-02C	Glass 500ml/16oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436988-02X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2436988-02Y	Vial Water preserved split	A	NA		4.0	Y	Absent	29-JUN-24 07:31	NYTCL-8260-R2(14)
L2436988-02Z	Vial Water preserved split	A	NA		4.0	Y	Absent	29-JUN-24 07:31	NYTCL-8260-R2(14)
L2436988-03A	Glass 60ml unpreserved split	A	NA		4.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436988-03B	Vial Large Septa unpreserved (4oz)	A	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2436988-03C	Glass 500ml/16oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436988-03X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2436988-03Y	Vial Water preserved split	A	NA		4.0	Y	Absent	29-JUN-24 07:31	NYTCL-8260-R2(14)
L2436988-03Z	Vial Water preserved split	A	NA		4.0	Y	Absent	29-JUN-24 07:31	NYTCL-8260-R2(14)
L2436988-04A	Glass 60ml unpreserved split	A	NA		4.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436988
Report Date: 07/02/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2436988-04A1	Glass 60ml unpreserved split	A	NA		4.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436988-04A2	Glass 60ml unpreserved split	A	NA		4.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436988-04B	Vial Large Septa unpreserved (4oz)	A	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2436988-04C	Glass 500ml/16oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436988-04C1	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436988-04C2	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2436988-04X	Vial MeOH preserved split	A	NA		4.0	Y	Absent		NYTCL-8260-R2(14)
L2436988-04Y	Vial Water preserved split	A	NA		4.0	Y	Absent	29-JUN-24 07:31	NYTCL-8260-R2(14)
L2436988-04Z	Vial Water preserved split	A	NA		4.0	Y	Absent	29-JUN-24 07:31	NYTCL-8260-R2(14)
L2436988-05A	Glass 60ml unpreserved split	A	NA		4.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2436988-05B	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436988
Project Number:	4461.0001B002	**Report Date:**	07/02/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436988
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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436988
Project Number:	4461.0001B002	**Report Date:**	07/02/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2436988
Project Number:	4461.0001B002	**Report Date:**	07/02/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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TEL: 508-898-9220
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320 Forbes Blvd
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Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

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Date Rec'd in Lab: 6/29/24

ALPHA Job #: L2436988

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461.0001B002
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 2 Day TAT
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	TCL + CP-51 VOCs	PCBs	Total Bottle	Sample Specific Comments
36988-01	B-29 3.5	6-28-24	1400	Soil	CEH	X	X	X	X		
02	B-30 3.5		1405			X	X	X	X		
03	B-34 3.5		1416			X	X	X	X		
04	B-38 3.5		1420			X	X	X	X		
04	B-38 MS/MSD		1420			X	X				
05	Blind DUP		0800			X	X				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Chester Hochreuter	6-28-24 1510	[illegible] PIKE	6/28/24 1510
[illegible] PIKE	6/28/24 1510	[signature]	6/29/24 0:50

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2437604
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	07/05/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2437604
Report Date: 07/05/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2437604-01	B-33	SOIL	BUFFALO, NY	07/02/24 15:15	07/02/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2437604
Project Number:	4461.0001B002	**Report Date:**	07/05/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2437604
Project Number:	4461.0001B002	**Report Date:**	07/05/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 07/05/24

ORGANICS

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2437604
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2437604-01
Client ID: B-33
Sample Location: BUFFALO, NY

Date Collected: 07/02/24 15:15
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/03/24 20:49
Analyst: AD
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 06:08
Cleanup Method: EPA 3665A
Cleanup Date: 07/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.1	5.16	1	A
Aroclor 1221	ND		ug/kg	58.1	5.82	1	A
Aroclor 1232	ND		ug/kg	58.1	12.3	1	A
Aroclor 1242	ND		ug/kg	58.1	7.83	1	A
Aroclor 1248	ND		ug/kg	58.1	8.71	1	A
Aroclor 1254	ND		ug/kg	58.1	6.35	1	A
Aroclor 1260	ND		ug/kg	58.1	10.7	1	A
Aroclor 1262	ND		ug/kg	58.1	7.38	1	A
Aroclor 1268	ND		ug/kg	58.1	6.02	1	A
PCBs, Total	ND		ug/kg	58.1	5.16	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2437604
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/03/24 10:19
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 07/03/24 02:23
Cleanup Method: EPA 3665A
Cleanup Date: 07/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1942616-1						
Aroclor 1016	ND		ug/kg	47.3	4.20	A
Aroclor 1221	ND		ug/kg	47.3	4.74	A
Aroclor 1232	ND		ug/kg	47.3	10.0	A
Aroclor 1242	ND		ug/kg	47.3	6.38	A
Aroclor 1248	ND		ug/kg	47.3	7.10	A
Aroclor 1254	ND		ug/kg	47.3	5.18	A
Aroclor 1260	ND		ug/kg	47.3	8.75	A
Aroclor 1262	ND		ug/kg	47.3	6.01	A
Aroclor 1268	ND		ug/kg	47.3	4.90	A
PCBs, Total	ND		ug/kg	47.3	4.20	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	85		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2437604

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1942616-2 WG1942616-3									
Aroclor 1016	114		115		40-140	1		50	A
Aroclor 1260	113		121		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		91		30-150	A
Decachlorobiphenyl	99		112		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		85		30-150	B
Decachlorobiphenyl	91		100		30-150	B

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2437604
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2437604-01
Client ID: B-33
Sample Location: BUFFALO, NY

Date Collected: 07/02/24 15:15
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	07/03/24 07:49	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2437604

Report Date: 07/05/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1942713-1 QC Sample: L2436739-01 Client ID: DUP Sample						
Solids, Total	42.7	44.4	%	4		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2437604
Report Date: 07/05/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2437604-01A	Glass 500ml/16oz unpreserved	A	NA		4.1	Y	Absent		TS(7),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2437604
Project Number:	4461.0001B002	**Report Date:**	07/05/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2437604
Project Number:	4461.0001B002	**Report Date:**	07/05/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2437604
Project Number:	4461.0001B002	**Report Date:**	07/05/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2437604
Project Number:	4461.0001B002	**Report Date:**	07/05/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 7/3/24

ALPHA Job #: L2437604

Client Information
Client: Roux
Address: 2558 HAMBURG TURNPIKE
BUFFALO, NY 14218
Phone: 716 856 0599
Fax:
Email: rmunley@rouxinc.com

Project Information
Project Name: 1681-1684 Main St
Project Location: Buffalo, NY
Project #: 4961.0001 BOU2
(Use Project name as Project #)
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 2 Days

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS
PCB's

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PCB's	Sample Specific Comments	Total Bottle
37604-01	B-33	7/2/24	3:15	S	TSB	X	Depth: 4.5'	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type: A
Preservative: A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/2/24 16:05	[signature]	7/02/24 @ 16:05
[signature]	7/02/24 16:05	[signature]	7/02/24 1605
[signature]	7/2/24 1930	[signature]	7/2/24 1930
[signature]	7/2/24	[signature]	7/3/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2437604
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	07/05/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2437604
Report Date: 07/05/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2437604-01	B-33	SOIL	BUFFALO, NY	07/02/24 15:15	07/02/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2437604
Project Number:	4461.0001B002	**Report Date:**	07/05/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2437604
Project Number:	4461.0001B002	**Report Date:**	07/05/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 07/05/24

ORGANICS

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2437604
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2437604-01
Client ID: B-33
Sample Location: BUFFALO, NY

Date Collected: 07/02/24 15:15
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/03/24 20:49
Analyst: AD
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 06:08
Cleanup Method: EPA 3665A
Cleanup Date: 07/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.1	5.16	1	A
Aroclor 1221	ND		ug/kg	58.1	5.82	1	A
Aroclor 1232	ND		ug/kg	58.1	12.3	1	A
Aroclor 1242	ND		ug/kg	58.1	7.83	1	A
Aroclor 1248	ND		ug/kg	58.1	8.71	1	A
Aroclor 1254	ND		ug/kg	58.1	6.35	1	A
Aroclor 1260	ND		ug/kg	58.1	10.7	1	A
Aroclor 1262	ND		ug/kg	58.1	7.38	1	A
Aroclor 1268	ND		ug/kg	58.1	6.02	1	A
PCBs, Total	ND		ug/kg	58.1	5.16	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2437604
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/03/24 10:19
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 07/03/24 02:23
Cleanup Method: EPA 3665A
Cleanup Date: 07/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1942616-1						
Aroclor 1016	ND		ug/kg	47.3	4.20	A
Aroclor 1221	ND		ug/kg	47.3	4.74	A
Aroclor 1232	ND		ug/kg	47.3	10.0	A
Aroclor 1242	ND		ug/kg	47.3	6.38	A
Aroclor 1248	ND		ug/kg	47.3	7.10	A
Aroclor 1254	ND		ug/kg	47.3	5.18	A
Aroclor 1260	ND		ug/kg	47.3	8.75	A
Aroclor 1262	ND		ug/kg	47.3	6.01	A
Aroclor 1268	ND		ug/kg	47.3	4.90	A
PCBs, Total	ND		ug/kg	47.3	4.20	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	85		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2437604

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1942616-2 WG1942616-3									
Aroclor 1016	114		115		40-140	1		50	A
Aroclor 1260	113		121		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		91		30-150	A
Decachlorobiphenyl	99		112		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		85		30-150	B
Decachlorobiphenyl	91		100		30-150	B

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2437604
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2437604-01
Client ID: B-33
Sample Location: BUFFALO, NY

Date Collected: 07/02/24 15:15
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.5		%	0.100	NA	1	-	07/03/24 07:49	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2437604

Report Date: 07/05/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1942713-1 QC Sample: L2436739-01 Client ID: DUP Sample						
Solids, Total	42.7	44.4	%	4		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2437604
Report Date: 07/05/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	*Custody Seal*
A	Absent

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2437604-01A	Glass 500ml/16oz unpreserved	A	NA		4.1	Y	Absent		TS(7),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2437604
Project Number:	4461.0001B002	**Report Date:**	07/05/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2437604
Project Number:	4461.0001B002	**Report Date:**	07/05/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2437604
Project Number:	4461.0001B002	**Report Date:**	07/05/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2437604
Project Number:	4461.0001B002	**Report Date:**	07/05/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 7/3/24

ALPHA Job #: L2437604

Client Information
Client: Roux
Address: 2558 HAMBURG TURNPIKE
BUFFALO, NY 14218
Phone: 716 856 0599
Fax:
Email: rmunley@rouxinc.com

Project Information
Project Name: 1681-1684 Main St
Project Location: Buffalo, NY
Project #: 4961.0001 BOU2
(Use Project name as Project #)
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 2 Days

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS
PCB's

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PCB's	Sample Specific Comments	Total Bottle
37604-01	B-33	7/2/24	3:15	S	TSB	X	Depth: 4.5'	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type: A
Preservative: A

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/2/24 16:05	[signature]	7/02/24 @ 16:05
[signature]	7/02/24 16:05	[signature]	7/02/24 1605
[signature]	7/2/24 1930	[signature]	7/2/24 1930
[signature]	7/2/24	[signature]	7/3/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2437608
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN STREET
Project Number:	4461.0001B002
Report Date:	07/05/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2437608
Report Date: 07/05/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2437608-01	B-33	SOIL	BUFFALO, NY	07/02/24 10:45	07/02/24
L2437608-02	B-33	SOIL	BUFFALO, NY	07/02/24 10:45	07/02/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2437608
Project Number:	4461.0001B002	**Report Date:**	07/05/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2437608
Project Number:	4461.0001B002	**Report Date:**	07/05/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Total Metals

L2437608-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly O'Neill

Title: Technical Director/Representative Date: 07/05/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2437608
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2437608-02
Client ID: B-33
Sample Location: BUFFALO, NY

Date Collected: 07/02/24 10:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 07/05/24 10:45
Analyst: LAC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	0.98	J	ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.2	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2437608

Project Number: 4461.0001B002 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2437608-02 Date Collected: 07/02/24 10:45

Client ID: B-33 Date Received: 07/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.18	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.97	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
Methyl Acetate	ND		ug/kg	4.2	1.0	1
Cyclohexane	ND		ug/kg	11	0.58	1
1,4-Dioxane	ND		ug/kg	85	37.	1
Freon-113	ND		ug/kg	4.2	0.73	1
Methyl cyclohexane	ND		ug/kg	4.2	0.64	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2437608

Project Number: 4461.0001B002 **Report Date:** 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/05/24 09:10
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1943509-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.17	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2437608

Project Number: 4461.0001B002 **Report Date:** 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/05/24 09:10
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1943509-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2437608
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/05/24 09:10
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1943509-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	109		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2437608

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1943509-3 WG1943509-4								
Methylene chloride	86		85		70-130	1		30
1,1-Dichloroethane	85		84		70-130	1		30
Chloroform	92		90		70-130	2		30
Carbon tetrachloride	89		85		70-130	5		30
1,2-Dichloropropane	90		87		70-130	3		30
Dibromochloromethane	85		84		70-130	1		30
1,1,2-Trichloroethane	93		93		70-130	0		30
Tetrachloroethene	104		101		70-130	3		30
Chlorobenzene	90		90		70-130	0		30
Trichlorofluoromethane	101		97		70-139	4		30
1,2-Dichloroethane	92		88		70-130	4		30
1,1,1-Trichloroethane	91		89		70-130	2		30
Bromodichloromethane	84		84		70-130	0		30
trans-1,3-Dichloropropene	88		90		70-130	2		30
cis-1,3-Dichloropropene	89		88		70-130	1		30
Bromoform	83		80		70-130	4		30
1,1,2,2-Tetrachloroethane	81		80		70-130	1		30
Benzene	94		90		70-130	4		30
Toluene	90		89		70-130	1		30
Ethylbenzene	89		88		70-130	1		30
Chloromethane	114		109		52-130	4		30
Bromomethane	114		112		57-147	2		30
Vinyl chloride	95		92		67-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2437608

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1943509-3 WG1943509-4								
Chloroethane	96		92		50-151	4		30
1,1-Dichloroethene	92		86		65-135	7		30
trans-1,2-Dichloroethene	92		88		70-130	4		30
Trichloroethene	94		91		70-130	3		30
1,2-Dichlorobenzene	88		86		70-130	2		30
1,3-Dichlorobenzene	89		86		70-130	3		30
1,4-Dichlorobenzene	87		87		70-130	0		30
Methyl tert butyl ether	91		89		66-130	2		30
p/m-Xylene	92		92		70-130	0		30
o-Xylene	90		89		70-130	1		30
cis-1,2-Dichloroethene	78		77		70-130	1		30
Styrene	89		88		70-130	1		30
Dichlorodifluoromethane	106		102		30-146	4		30
Acetone	114		116		54-140	2		30
Carbon disulfide	98		95		59-130	3		30
2-Butanone	109		104		70-130	5		30
4-Methyl-2-pentanone	83		84		70-130	1		30
2-Hexanone	88		88		70-130	0		30
Bromochloromethane	92		92		70-130	0		30
1,2-Dibromoethane	92		92		70-130	0		30
n-Butylbenzene	86		84		70-130	2		30
sec-Butylbenzene	85		83		70-130	2		30
1,2-Dibromo-3-chloropropane	82		82		68-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2437608

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1943509-3 WG1943509-4								
Isopropylbenzene	83		81		70-130	2		30
p-Isopropyltoluene	82		80		70-130	2		30
n-Propylbenzene	84		82		70-130	2		30
1,2,3-Trichlorobenzene	91		92		70-130	1		30
1,2,4-Trichlorobenzene	91		88		70-130	3		30
1,3,5-Trimethylbenzene	83		81		70-130	2		30
1,2,4-Trimethylbenzene	82		80		70-130	2		30
Methyl Acetate	113		111		51-146	2		30
Cyclohexane	96		92		59-142	4		30
1,4-Dioxane	109		115		65-136	5		30
Freon-113	102		98		50-139	4		30
Methyl cyclohexane	91		85		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		108		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	89		88		70-130
Dibromofluoromethane	107		105		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2437608
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2437608-01
Client ID: B-33
Sample Location: BUFFALO, NY

Date Collected: 07/02/24 10:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/04/24 03:25
Analyst: LJG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 08:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2437608

Project Number: 4461.0001B002 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2437608-01 Date Collected: 07/02/24 10:45

Client ID: B-33 Date Received: 07/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN STREET **Lab Number:** L2437608

Project Number: 4461.0001B002 **Report Date:** 07/05/24

SAMPLE RESULTS

Lab ID: L2437608-01 Date Collected: 07/02/24 10:45

Client ID: B-33 Date Received: 07/02/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	78		18-120

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2437608
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/03/24 23:15
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 07/03/24 02:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1942615-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	57.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	31.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2437608
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/03/24 23:15
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 07/03/24 02:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1942615-1					
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2437608
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/03/24 23:15
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 07/03/24 02:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1942615-1					
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Carbazole	ND		ug/kg	170	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	170	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	106		25-120
Phenol-d6	106		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	105		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2437608

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1942615-2 WG1942615-3								
Acenaphthene	96		96		31-137	0		50
Hexachlorobenzene	94		94		40-140	0		50
Bis(2-chloroethyl)ether	94		92		40-140	2		50
2-Chloronaphthalene	92		92		40-140	0		50
3,3'-Dichlorobenzidine	88		86		40-140	2		50
2,4-Dinitrotoluene	103		100		40-132	3		50
2,6-Dinitrotoluene	98		94		40-140	4		50
Fluoranthene	108		109		40-140	1		50
4-Chlorophenyl phenyl ether	107		106		40-140	1		50
4-Bromophenyl phenyl ether	101		103		40-140	2		50
Bis(2-chloroisopropyl)ether	90		89		40-140	1		50
Bis(2-chloroethoxy)methane	101		100		40-117	1		50
Hexachlorobutadiene	111		111		40-140	0		50
Hexachlorocyclopentadiene	88		90		40-140	2		50
Hexachloroethane	94		98		40-140	4		50
Isophorone	99		99		40-140	0		50
Naphthalene	92		90		40-140	2		50
Nitrobenzene	101		97		40-140	4		50
NDPA/DPA	96		97		36-157	1		50
n-Nitrosodi-n-propylamine	106		104		32-121	2		50
Bis(2-ethylhexyl)phthalate	108		118		40-140	9		50
Butyl benzyl phthalate	132		135		40-140	2		50
Di-n-butylphthalate	117		119		40-140	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2437608

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1942615-2 WG1942615-3								
Di-n-octylphthalate	120		125		40-140	4		50
Diethyl phthalate	102		104		40-140	2		50
Dimethyl phthalate	95		94		40-140	1		50
Benzo(a)anthracene	97		97		40-140	0		50
Benzo(a)pyrene	116		107		40-140	8		50
Benzo(b)fluoranthene	108		102		40-140	6		50
Benzo(k)fluoranthene	109		100		40-140	9		50
Chrysene	98		96		40-140	2		50
Acenaphthylene	89		88		40-140	1		50
Anthracene	106		108		40-140	2		50
Benzo(ghi)perylene	112		112		40-140	0		50
Fluorene	93		94		40-140	1		50
Phenanthrene	103		101		40-140	2		50
Dibenzo(a,h)anthracene	112		110		40-140	2		50
Indeno(1,2,3-cd)pyrene	110		109		40-140	1		50
Pyrene	110		110		35-142	0		50
Biphenyl	88		86		37-127	2		50
4-Chloroaniline	98		102		40-140	4		50
2-Nitroaniline	99		96		47-134	3		50
3-Nitroaniline	83		84		26-129	1		50
4-Nitroaniline	90		87		41-125	3		50
Dibenzofuran	96		96		40-140	0		50
2-Methylnaphthalene	92		92		40-140	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2437608
Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1942615-2 WG1942615-3								
1,2,4,5-Tetrachlorobenzene	97		95		40-117	2		50
Acetophenone	98		97		14-144	1		50
2,4,6-Trichlorophenol	98		96		30-130	2		50
p-Chloro-m-cresol	**108**	Q	**106**	Q	26-103	2		50
2-Chlorophenol	92		91		25-102	1		50
2,4-Dichlorophenol	91		89		30-130	2		50
2,4-Dimethylphenol	96		98		30-130	2		50
2-Nitrophenol	97		96		30-130	1		50
4-Nitrophenol	110		110		11-114	0		50
2,4-Dinitrophenol	87		87		4-130	0		50
4,6-Dinitro-o-cresol	107		109		10-130	2		50
Pentachlorophenol	89		87		17-109	2		50
Phenol	**103**	Q	**100**	Q	26-90	3		50
2-Methylphenol	96		96		30-130.	0		50
3-Methylphenol/4-Methylphenol	95		96		30-130	1		50
2,4,5-Trichlorophenol	100		101		30-130	1		50
Carbazole	104		104		54-128	0		50
Atrazine	93		92		40-140	1		50
Benzaldehyde	83		83		40-140	0		50
Caprolactam	121		115		15-130	5		50
2,3,4,6-Tetrachlorophenol	108		107		40-140	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2437608

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1942615-2 WG1942615-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	99		95		25-120
Phenol-d6	101		97		10-120
Nitrobenzene-d5	95		90		23-120
2-Fluorobiphenyl	86		84		30-120
2,4,6-Tribromophenol	90		90		10-136
4-Terphenyl-d14	104		101		18-120

PCBS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2437608
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2437608-01
Client ID: B-33
Sample Location: BUFFALO, NY

Date Collected: 07/02/24 10:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/03/24 20:41
Analyst: AD
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/03/24 06:08
Cleanup Method: EPA 3665A
Cleanup Date: 07/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.9	5.05	1	A
Aroclor 1221	ND		ug/kg	56.9	5.70	1	A
Aroclor 1232	ND		ug/kg	56.9	12.1	1	A
Aroclor 1242	ND		ug/kg	56.9	7.67	1	A
Aroclor 1248	ND		ug/kg	56.9	8.54	1	A
Aroclor 1254	ND		ug/kg	56.9	6.22	1	A
Aroclor 1260	ND		ug/kg	56.9	10.5	1	A
Aroclor 1262	ND		ug/kg	56.9	7.23	1	A
Aroclor 1268	ND		ug/kg	56.9	5.90	1	A
PCBs, Total	ND		ug/kg	56.9	5.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2437608
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/03/24 10:19
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 07/03/24 02:23
Cleanup Method: EPA 3665A
Cleanup Date: 07/03/24
Cleanup Method: EPA 3660B
Cleanup Date: 07/03/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1942616-1						
Aroclor 1016	ND		ug/kg	47.3	4.20	A
Aroclor 1221	ND		ug/kg	47.3	4.74	A
Aroclor 1232	ND		ug/kg	47.3	10.0	A
Aroclor 1242	ND		ug/kg	47.3	6.38	A
Aroclor 1248	ND		ug/kg	47.3	7.10	A
Aroclor 1254	ND		ug/kg	47.3	5.18	A
Aroclor 1260	ND		ug/kg	47.3	8.75	A
Aroclor 1262	ND		ug/kg	47.3	6.01	A
Aroclor 1268	ND		ug/kg	47.3	4.90	A
PCBs, Total	ND		ug/kg	47.3	4.20	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	85		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2437608

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1942616-2 WG1942616-3									
Aroclor 1016	114		115		40-140	1		50	A
Aroclor 1260	113		121		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		91		30-150	A
Decachlorobiphenyl	99		112		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		85		30-150	B
Decachlorobiphenyl	91		100		30-150	B

METALS

Project Name: 1681-1689 MAIN STREET
Lab Number: L2437608
Project Number: 4461.0001B002
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2437608-01
Client ID: B-33
Sample Location: BUFFALO, NY
Date Collected: 07/02/24 10:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.52		mg/kg	0.895	0.186	2	07/03/24 08:50	07/05/24 10:29	EPA 3050B	1,6010D	JMF
Barium, Total	75.1		mg/kg	0.895	0.156	2	07/03/24 08:50	07/05/24 10:29	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.895	0.088	2	07/03/24 08:50	07/05/24 10:29	EPA 3050B	1,6010D	JMF
Chromium, Total	13.8		mg/kg	0.895	0.086	2	07/03/24 08:50	07/05/24 10:29	EPA 3050B	1,6010D	JMF
Lead, Total	15.5		mg/kg	4.47	0.240	2	07/03/24 08:50	07/05/24 10:29	EPA 3050B	1,6010D	JMF
Mercury, Total	0.054	J	mg/kg	0.075	0.049	1	07/03/24 09:30	07/05/24 11:17	EPA 7471B	1,7471B	JWN
Selenium, Total	ND		mg/kg	1.79	0.231	2	07/03/24 08:50	07/05/24 10:29	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.447	0.253	2	07/03/24 08:50	07/05/24 10:29	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002
Lab Number: L2437608
Report Date: 07/05/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1942648-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/03/24 08:50	07/03/24 11:54	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	07/03/24 08:50	07/03/24 11:54	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/03/24 08:50	07/03/24 11:54	1,6010D	DMC
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/03/24 08:50	07/03/24 11:54	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	07/03/24 08:50	07/03/24 11:54	1,6010D	DMC
Selenium, Total	0.110	J	mg/kg	0.800	0.103	1	07/03/24 08:50	07/03/24 11:54	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	07/03/24 08:50	07/03/24 11:54	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1942649-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/03/24 09:30	07/05/24 10:54	1,7471B	JWN

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2437608

Report Date: 07/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1942648-2								
Arsenic, Total	100		-		80-120	-		
Barium, Total	106		-		80-120	-		
Cadmium, Total	105		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Lead, Total	104		-		80-120	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	103		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1942649-2								
Mercury, Total	103		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2437608
Report Date: 07/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1942648-3 QC Sample: L2437568-01 Client ID: MS Sample												
Arsenic, Total	5.70	10.9	17.6	109		-	-		75-125	-		20
Barium, Total	32.7	182	227	107		-	-		75-125	-		20
Cadmium, Total	ND	4.81	4.97	103		-	-		75-125	-		20
Chromium, Total	15.4	18.2	32.8	96		-	-		75-125	-		20
Lead, Total	12.5	48.1	68.0	115		-	-		75-125	-		20
Selenium, Total	0.492J	10.9	11.5	106		-	-		75-125	-		20
Silver, Total	ND	4.54	4.91	108		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1942649-3 QC Sample: L2436388-01 Client ID: MS Sample												
Mercury, Total	0.236	3.6	3.80	99		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2437608

Report Date: 07/05/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1942648-4 QC Sample: L2437568-01 Client ID: DUP Sample						
Arsenic, Total	5.70	4.92	mg/kg	15		20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1942649-4 QC Sample: L2436388-01 Client ID: DUP Sample						
Mercury, Total	0.236	0.324	mg/kg	**31**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2437608
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2437608-01
Client ID: B-33
Sample Location: BUFFALO, NY

Date Collected: 07/02/24 10:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	07/03/24 07:49	121,2540G	ROI

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2437608
Report Date: 07/05/24

SAMPLE RESULTS

Lab ID: L2437608-02
Client ID: B-33
Sample Location: BUFFALO, NY

Date Collected: 07/02/24 10:45
Date Received: 07/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	07/03/24 07:49	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN STREET

Project Number: 4461.0001B002

Lab Number: L2437608

Report Date: 07/05/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1942713-1 QC Sample: L2436739-01 Client ID: DUP Sample						
Solids, Total	42.7	44.4	%	4		20

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2437608
Report Date: 07/05/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2437608-01A	Glass 500ml/16oz unpreserved	A	NA		4.1	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2437608-01X	Glass 60ml unpreserved split	A	NA		4.1	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2437608-02A	Vial Large Septa unpreserved (4oz)	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14),TS(7)
L2437608-02X	Vial MeOH preserved split	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2437608-02Y	Vial Water preserved split	A	NA		4.1	Y	Absent	03-JUL-24 07:19	NYTCL-8260-R2(14)
L2437608-02Z	Vial Water preserved split	A	NA		4.1	Y	Absent	03-JUL-24 07:19	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2437608
Project Number:	4461.0001B002	**Report Date:**	07/05/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2437608
Project Number:	4461.0001B002	**Report Date:**	07/05/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2437608
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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2437608
Project Number:	4461.0001B002	**Report Date:**	07/05/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 7/3/24

ALPHA Job #: L2437608

Client Information
Client: Roux
Address: 2558 Hamburg Turnpike
Buffalo, NY 14218
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information
Project Name: 1681-1689 Main Street
Project Location: Buffalo, NY
Project #: 4461-0001B002
(Use Project name as Project #)
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 2 Day

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	RCRA Metals	TCL + CP-51 VOCs	PCBs	Sample Specific Comments	Total Bottle
37608-01	B-33	7/2/24	10:45	S	TSB	X	X		X	Depth: 3.5'	
-02	B-33	7/2/24	10:45	S	TSB			X		4 oz (Depth: 3.5')	

Container Type	A	A	A	A
Preservative	A	A	A	A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	7/2/24 16:05	[signature]	7/02/24 @ 16:05
[signature]	7/02/24 16:05	[signature]	7/2/24 16:05
[signature]	7/02/24 1930	[signature]	7/2/24 1930
[signature]	7/2/24 2130	[signature]	7/3/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2455897
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	MAIN STREET
Project Number:	4461.0001B00
Report Date:	09/30/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: MAIN STREET
Project Number: 4461.0001B00

Lab Number: L2455897
Report Date: 09/30/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2455897-01	HC-N	SOIL	Not Specified	09/27/24 10:30	09/27/24
L2455897-02	HC-E	SOIL	Not Specified	09/27/24 10:40	09/27/24
L2455897-03	HC-S	SOIL	Not Specified	09/27/24 11:00	09/27/24

Project Name:	MAIN STREET	**Lab Number:**	L2455897
Project Number:	4461.0001B00	**Report Date:**	09/30/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	MAIN STREET	**Lab Number:**	L2455897
Project Number:	4461.0001B00	**Report Date:**	09/30/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 09/30/24

ORGANICS

PCBS

Project Name: MAIN STREET
Project Number: 4461.0001B00

Lab Number: L2455897
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455897-01
Client ID: HC-N
Sample Location: Not Specified

Date Collected: 09/27/24 10:30
Date Received: 09/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/29/24 12:32
Analyst: EMR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 09/28/24 10:03
Cleanup Method: EPA 3665A
Cleanup Date: 09/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.5	4.93	1	A
Aroclor 1221	ND		ug/kg	55.5	5.56	1	A
Aroclor 1232	ND		ug/kg	55.5	11.8	1	A
Aroclor 1242	ND		ug/kg	55.5	7.48	1	A
Aroclor 1248	ND		ug/kg	55.5	8.32	1	A
Aroclor 1254	ND		ug/kg	55.5	6.07	1	A
Aroclor 1260	ND		ug/kg	55.5	10.2	1	A
Aroclor 1262	ND		ug/kg	55.5	7.05	1	A
Aroclor 1268	ND		ug/kg	55.5	5.75	1	A
PCBs, Total	ND		ug/kg	55.5	4.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: MAIN STREET
Project Number: 4461.0001B00

Lab Number: L2455897
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455897-02
Client ID: HC-E
Sample Location: Not Specified

Date Collected: 09/27/24 10:40
Date Received: 09/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/29/24 12:42
Analyst: EMR
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 09/28/24 10:03
Cleanup Method: EPA 3665A
Cleanup Date: 09/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	63.8	5.67	1	A
Aroclor 1221	ND		ug/kg	63.8	6.39	1	A
Aroclor 1232	ND		ug/kg	63.8	13.5	1	A
Aroclor 1242	ND		ug/kg	63.8	8.60	1	A
Aroclor 1248	ND		ug/kg	63.8	9.57	1	A
Aroclor 1254	ND		ug/kg	63.8	6.98	1	A
Aroclor 1260	ND		ug/kg	63.8	11.8	1	A
Aroclor 1262	ND		ug/kg	63.8	8.10	1	A
Aroclor 1268	ND		ug/kg	63.8	6.61	1	A
PCBs, Total	ND		ug/kg	63.8	5.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: MAIN STREET
Project Number: 4461.0001B00

Lab Number: L2455897
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455897-03
Client ID: HC-S
Sample Location: Not Specified

Date Collected: 09/27/24 11:00
Date Received: 09/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/29/24 12:52
Analyst: EMR
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 09/28/24 10:03
Cleanup Method: EPA 3665A
Cleanup Date: 09/29/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/29/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.5	5.28	1	A
Aroclor 1221	ND		ug/kg	59.5	5.96	1	A
Aroclor 1232	ND		ug/kg	59.5	12.6	1	A
Aroclor 1242	ND		ug/kg	59.5	8.02	1	A
Aroclor 1248	ND		ug/kg	59.5	8.93	1	A
Aroclor 1254	ND		ug/kg	59.5	6.51	1	A
Aroclor 1260	ND		ug/kg	59.5	11.0	1	A
Aroclor 1262	ND		ug/kg	59.5	7.56	1	A
Aroclor 1268	ND		ug/kg	59.5	6.16	1	A
PCBs, Total	ND		ug/kg	59.5	5.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: MAIN STREET
Project Number: 4461.0001B00

Lab Number: L2455897
Report Date: 09/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/28/24 11:09
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 09/27/24 14:53
Cleanup Method: EPA 3665A
Cleanup Date: 09/28/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/28/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1977310-1						
Aroclor 1016	ND		ug/kg	48.3	4.28	A
Aroclor 1221	ND		ug/kg	48.3	4.84	A
Aroclor 1232	ND		ug/kg	48.3	10.2	A
Aroclor 1242	ND		ug/kg	48.3	6.50	A
Aroclor 1248	ND		ug/kg	48.3	7.24	A
Aroclor 1254	ND		ug/kg	48.3	5.28	A
Aroclor 1260	ND		ug/kg	48.3	8.92	A
Aroclor 1262	ND		ug/kg	48.3	6.13	A
Aroclor 1268	ND		ug/kg	48.3	5.00	A
PCBs, Total	ND		ug/kg	48.3	4.28	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	76		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAIN STREET

Project Number: 4461.0001B00

Lab Number: L2455897

Report Date: 09/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1977310-2 WG1977310-3									
Aroclor 1016	85		89		40-140	5		50	A
Aroclor 1260	93		98		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		69		30-150	A
Decachlorobiphenyl	74		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		67		30-150	B
Decachlorobiphenyl	71		75		30-150	B

INORGANICS
&
MISCELLANEOUS

Project Name: MAIN STREET
Project Number: 4461.0001B00

Lab Number: L2455897
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455897-01
Client ID: HC-N
Sample Location: Not Specified

Date Collected: 09/27/24 10:30
Date Received: 09/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	09/28/24 06:53	121,2540G	ROI

Project Name: MAIN STREET
Project Number: 4461.0001B00

Lab Number: L2455897
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455897-02
Client ID: HC-E
Sample Location: Not Specified

Date Collected: 09/27/24 10:40
Date Received: 09/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.3		%	0.100	NA	1	-	09/28/24 06:53	121,2540G	ROI

Project Name: MAIN STREET
Project Number: 4461.0001B00

Lab Number: L2455897
Report Date: 09/30/24

SAMPLE RESULTS

Lab ID: L2455897-03
Client ID: HC-S
Sample Location: Not Specified

Date Collected: 09/27/24 11:00
Date Received: 09/27/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.8		%	0.100	NA	1	-	09/28/24 06:53	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: MAIN STREET

Project Number: 4461.0001B00

Lab Number: L2455897

Report Date: 09/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1977486-1 QC Sample: L2453039-33 Client ID: DUP Sample						
Solids, Total	91.2	90.9	%	0		20

Project Name: MAIN STREET
Project Number: 4461.0001B00

Lab Number: L2455897
Report Date: 09/30/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2455897-01A	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		TS(7),NYTCL-8082(365)
L2455897-02A	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		TS(7),NYTCL-8082(365)
L2455897-03A	Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		TS(7),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name:	MAIN STREET	**Lab Number:**	L2455897
Project Number:	4461.0001B00	**Report Date:**	09/30/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	MAIN STREET	**Lab Number:**	L2455897
Project Number:	4461.0001B00	**Report Date:**	09/30/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	MAIN STREET	**Lab Number:**	L2455897
Project Number:	4461.0001B00	**Report Date:**	09/30/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	MAIN STREET	**Lab Number:**	L2455897
Project Number:	4461.0001B00	**Report Date:**	09/30/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

1681-1689 Main Street

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 9/28/24

ALPHA Job #: L2455897

Client Information

Client: Roux
Address: 2558 Hamburg Tpke Riverhead NY
Phone: 716-856-0599
Fax:
Email: nmunley@rouxinc.com

Project Information

Project Name: Main Street
Project Location:
Project #: 44661.0001Bro
(Use Project name as Project #) ☐
Project Manager: Nathan Munley
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 1-2
24hr

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☐ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: PCBs (8082)	Total Bottle
L2455897-01	HC-N	9/27	1030	Soil	ATM	X	
-02	HC-E	9/27	1040	Soil	ATM	X	
-03	HC-S	9/27	1100	Soil	ATM	X	

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Container Type: A
Preservative: A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	9/27/24	TSO Jocelyn Tooy (PACE)	9/27/24 11:30
Jocelyn Tooy (PACE)	9/27/24 11:30	Buffalo Service Center	9/27/24 11:30
Scott B Bish	9-27-24 1513		
	0100	Julie	9/28/24 1:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2463549
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN ST
Project Number:	1681-1689 MAIN ST
Report Date:	11/01/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST

Lab Number: L2463549
Report Date: 11/01/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2463549-01	A1 COMP	SOIL	BUFFALO,NY	10/30/24 10:30	10/31/24
L2463549-02	A2 COMP	SOIL	BUFFALO,NY	10/30/24 10:30	10/31/24
L2463549-03	B1 COMP	SOIL	BUFFALO,NY	10/30/24 10:15	10/31/24
L2463549-04	B2 COMP	SOIL	BUFFALO,NY	10/30/24 10:15	10/31/24
L2463549-05	B3 COMP	SOIL	BUFFALO,NY	10/30/24 10:15	10/31/24
L2463549-06	C1 COMP	SOIL	BUFFALO,NY	10/30/24 10:00	10/31/24
L2463549-07	C2 COMP	SOIL	BUFFALO,NY	10/30/24 10:00	10/31/24
L2463549-08	C3 COMP	SOIL	BUFFALO,NY	10/30/24 10:00	10/31/24

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2463549
Project Number:	1681-1689 MAIN ST	**Report Date:**	11/01/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2463549
Project Number:	1681-1689 MAIN ST	**Report Date:**	11/01/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 11/01/24

ORGANICS

PCBS

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST
Lab Number: L2463549
Report Date: 11/01/24

SAMPLE RESULTS

Lab ID: L2463549-01
Client ID: A1 COMP
Sample Location: BUFFALO,NY

Date Collected: 10/30/24 10:30
Date Received: 10/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/01/24 12:40
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/01/24 04:45
Cleanup Method: EPA 3665A
Cleanup Date: 11/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.1	4.89	1	A
Aroclor 1221	ND		ug/kg	55.1	5.52	1	A
Aroclor 1232	ND		ug/kg	55.1	11.7	1	A
Aroclor 1242	15.4	J	ug/kg	55.1	7.43	1	B
Aroclor 1248	ND		ug/kg	55.1	8.26	1	A
Aroclor 1254	ND		ug/kg	55.1	6.03	1	A
Aroclor 1260	ND		ug/kg	55.1	10.2	1	A
Aroclor 1262	ND		ug/kg	55.1	7.00	1	A
Aroclor 1268	ND		ug/kg	55.1	5.71	1	A
PCBs, Total	15.4	J	ug/kg	55.1	4.89	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST
Lab Number: L2463549
Report Date: 11/01/24

SAMPLE RESULTS

Lab ID: L2463549-02
Client ID: A2 COMP
Sample Location: BUFFALO,NY

Date Collected: 10/30/24 10:30
Date Received: 10/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/01/24 12:52
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/01/24 04:45
Cleanup Method: EPA 3665A
Cleanup Date: 11/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.8	5.04	1	A
Aroclor 1221	ND		ug/kg	56.8	5.69	1	A
Aroclor 1232	ND		ug/kg	56.8	12.0	1	A
Aroclor 1242	ND		ug/kg	56.8	7.65	1	A
Aroclor 1248	ND		ug/kg	56.8	8.51	1	A
Aroclor 1254	ND		ug/kg	56.8	6.21	1	A
Aroclor 1260	ND		ug/kg	56.8	10.5	1	A
Aroclor 1262	ND		ug/kg	56.8	7.21	1	A
Aroclor 1268	ND		ug/kg	56.8	5.88	1	A
PCBs, Total	ND		ug/kg	56.8	5.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST
Lab Number: L2463549
Report Date: 11/01/24

SAMPLE RESULTS

Lab ID: L2463549-03
Client ID: B1 COMP
Sample Location: BUFFALO,NY

Date Collected: 10/30/24 10:15
Date Received: 10/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/01/24 13:03
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/01/24 04:45
Cleanup Method: EPA 3665A
Cleanup Date: 11/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.0	5.16	1	A
Aroclor 1221	ND		ug/kg	58.0	5.82	1	A
Aroclor 1232	ND		ug/kg	58.0	12.3	1	A
Aroclor 1242	ND		ug/kg	58.0	7.83	1	A
Aroclor 1248	ND		ug/kg	58.0	8.71	1	A
Aroclor 1254	ND		ug/kg	58.0	6.35	1	A
Aroclor 1260	ND		ug/kg	58.0	10.7	1	A
Aroclor 1262	ND		ug/kg	58.0	7.37	1	A
Aroclor 1268	ND		ug/kg	58.0	6.01	1	A
PCBs, Total	ND		ug/kg	58.0	5.16	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST
Lab Number: L2463549
Report Date: 11/01/24

SAMPLE RESULTS

Lab ID: L2463549-04
Client ID: B2 COMP
Sample Location: BUFFALO,NY

Date Collected: 10/30/24 10:15
Date Received: 10/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/01/24 13:15
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/01/24 04:45
Cleanup Method: EPA 3665A
Cleanup Date: 11/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	53.9	4.78	1	A
Aroclor 1221	ND		ug/kg	53.9	5.40	1	A
Aroclor 1232	ND		ug/kg	53.9	11.4	1	A
Aroclor 1242	ND		ug/kg	53.9	7.26	1	A
Aroclor 1248	ND		ug/kg	53.9	8.08	1	A
Aroclor 1254	ND		ug/kg	53.9	5.89	1	A
Aroclor 1260	ND		ug/kg	53.9	9.96	1	A
Aroclor 1262	ND		ug/kg	53.9	6.84	1	A
Aroclor 1268	ND		ug/kg	53.9	5.58	1	A
PCBs, Total	ND		ug/kg	53.9	4.78	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST
Lab Number: L2463549
Report Date: 11/01/24

SAMPLE RESULTS

Lab ID: L2463549-05
Client ID: B3 COMP
Sample Location: BUFFALO,NY

Date Collected: 10/30/24 10:15
Date Received: 10/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/01/24 13:26
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 11/01/24 04:45
Cleanup Method: EPA 3665A
Cleanup Date: 11/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.2	5.17	1	A
Aroclor 1221	ND		ug/kg	58.2	5.84	1	A
Aroclor 1232	ND		ug/kg	58.2	12.3	1	A
Aroclor 1242	ND		ug/kg	58.2	7.85	1	A
Aroclor 1248	ND		ug/kg	58.2	8.74	1	A
Aroclor 1254	ND		ug/kg	58.2	6.37	1	A
Aroclor 1260	ND		ug/kg	58.2	10.8	1	A
Aroclor 1262	ND		ug/kg	58.2	7.40	1	A
Aroclor 1268	ND		ug/kg	58.2	6.03	1	A
PCBs, Total	ND		ug/kg	58.2	5.17	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST
Lab Number: L2463549
Report Date: 11/01/24

SAMPLE RESULTS

Lab ID: L2463549-06
Client ID: C1 COMP
Sample Location: BUFFALO,NY

Date Collected: 10/30/24 10:00
Date Received: 10/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/01/24 13:38
Analyst: MEO
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 11/01/24 04:45
Cleanup Method: EPA 3665A
Cleanup Date: 11/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.8	4.86	1	A
Aroclor 1221	ND		ug/kg	54.8	5.49	1	A
Aroclor 1232	ND		ug/kg	54.8	11.6	1	A
Aroclor 1242	ND		ug/kg	54.8	7.38	1	A
Aroclor 1248	ND		ug/kg	54.8	8.21	1	A
Aroclor 1254	ND		ug/kg	54.8	5.99	1	A
Aroclor 1260	ND		ug/kg	54.8	10.1	1	A
Aroclor 1262	ND		ug/kg	54.8	6.96	1	A
Aroclor 1268	ND		ug/kg	54.8	5.67	1	A
PCBs, Total	ND		ug/kg	54.8	4.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST
Lab Number: L2463549
Report Date: 11/01/24

SAMPLE RESULTS

Lab ID: L2463549-07
Client ID: C2 COMP
Sample Location: BUFFALO,NY

Date Collected: 10/30/24 10:00
Date Received: 10/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/01/24 13:49
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 11/01/24 04:45
Cleanup Method: EPA 3665A
Cleanup Date: 11/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.9	5.14	1	A
Aroclor 1221	ND		ug/kg	57.9	5.80	1	A
Aroclor 1232	ND		ug/kg	57.9	12.3	1	A
Aroclor 1242	ND		ug/kg	57.9	7.80	1	A
Aroclor 1248	ND		ug/kg	57.9	8.68	1	A
Aroclor 1254	ND		ug/kg	57.9	6.33	1	A
Aroclor 1260	ND		ug/kg	57.9	10.7	1	A
Aroclor 1262	ND		ug/kg	57.9	7.35	1	A
Aroclor 1268	ND		ug/kg	57.9	6.00	1	A
PCBs, Total	ND		ug/kg	57.9	5.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST
Lab Number: L2463549
Report Date: 11/01/24

SAMPLE RESULTS

Lab ID: L2463549-08
Client ID: C3 COMP
Sample Location: BUFFALO,NY

Date Collected: 10/30/24 10:00
Date Received: 10/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/01/24 14:01
Analyst: MEO
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 11/01/24 04:45
Cleanup Method: EPA 3665A
Cleanup Date: 11/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.4	5.36	1	A
Aroclor 1221	ND		ug/kg	60.4	6.05	1	A
Aroclor 1232	ND		ug/kg	60.4	12.8	1	A
Aroclor 1242	ND		ug/kg	60.4	8.14	1	A
Aroclor 1248	ND		ug/kg	60.4	9.06	1	A
Aroclor 1254	ND		ug/kg	60.4	6.61	1	A
Aroclor 1260	ND		ug/kg	60.4	11.2	1	A
Aroclor 1262	ND		ug/kg	60.4	7.67	1	A
Aroclor 1268	ND		ug/kg	60.4	6.26	1	A
PCBs, Total	ND		ug/kg	60.4	5.36	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST
Lab Number: L2463549
Report Date: 11/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 11/01/24 10:12
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 10/31/24 11:04
Cleanup Method: EPA 3665A
Cleanup Date: 11/01/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/01/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-08 Batch: WG1991482-1						
Aroclor 1016	ND		ug/kg	48.9	4.34	A
Aroclor 1221	ND		ug/kg	48.9	4.90	A
Aroclor 1232	ND		ug/kg	48.9	10.4	A
Aroclor 1242	ND		ug/kg	48.9	6.59	A
Aroclor 1248	ND		ug/kg	48.9	7.34	A
Aroclor 1254	ND		ug/kg	48.9	5.35	A
Aroclor 1260	ND		ug/kg	48.9	9.04	A
Aroclor 1262	ND		ug/kg	48.9	6.21	A
Aroclor 1268	ND		ug/kg	48.9	5.07	A
PCBs, Total	ND		ug/kg	48.9	4.34	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	69		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: 1681-1689 MAIN ST

Lab Number: L2463549

Report Date: 11/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1991482-2 WG1991482-3									
Aroclor 1016	73		76		40-140	4		50	A
Aroclor 1260	74		76		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		75		30-150	A
Decachlorobiphenyl	70		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		80		30-150	B
Decachlorobiphenyl	68		75		30-150	B

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST

Lab Number: L2463549
Report Date: 11/01/24

SAMPLE RESULTS

Lab ID: L2463549-01
Client ID: A1 COMP
Sample Location: BUFFALO,NY

Date Collected: 10/30/24 10:30
Date Received: 10/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	11/01/24 05:09	121,2540G	ODJ

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST

Lab Number: L2463549
Report Date: 11/01/24

SAMPLE RESULTS

Lab ID: L2463549-02
Client ID: A2 COMP
Sample Location: BUFFALO,NY

Date Collected: 10/30/24 10:30
Date Received: 10/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	11/01/24 05:09	121,2540G	ODJ

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST

Lab Number: L2463549
Report Date: 11/01/24

SAMPLE RESULTS

Lab ID: L2463549-03
Client ID: B1 COMP
Sample Location: BUFFALO,NY

Date Collected: 10/30/24 10:15
Date Received: 10/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	11/01/24 05:09	121,2540G	ODJ

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST

Lab Number: L2463549
Report Date: 11/01/24

SAMPLE RESULTS

Lab ID: L2463549-04
Client ID: B2 COMP
Sample Location: BUFFALO,NY

Date Collected: 10/30/24 10:15
Date Received: 10/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	11/01/24 05:09	121,2540G	ODJ

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST

Lab Number: L2463549
Report Date: 11/01/24

SAMPLE RESULTS

Lab ID: L2463549-05
Client ID: B3 COMP
Sample Location: BUFFALO,NY

Date Collected: 10/30/24 10:15
Date Received: 10/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.0		%	0.100	NA	1	-	11/01/24 05:09	121,2540G	ODJ

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST

Lab Number: L2463549
Report Date: 11/01/24

SAMPLE RESULTS

Lab ID: L2463549-06
Client ID: C1 COMP
Sample Location: BUFFALO,NY

Date Collected: 10/30/24 10:00
Date Received: 10/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	11/01/24 05:09	121,2540G	ODJ

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST

Lab Number: L2463549
Report Date: 11/01/24

SAMPLE RESULTS

Lab ID: L2463549-07
Client ID: C2 COMP
Sample Location: BUFFALO,NY

Date Collected: 10/30/24 10:00
Date Received: 10/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	11/01/24 05:09	121,2540G	ODJ

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST

Lab Number: L2463549
Report Date: 11/01/24

SAMPLE RESULTS

Lab ID: L2463549-08
Client ID: C3 COMP
Sample Location: BUFFALO,NY

Date Collected: 10/30/24 10:00
Date Received: 10/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.8		%	0.100	NA	1	-	11/01/24 05:09	121,2540G	ODJ

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: 1681-1689 MAIN ST

Lab Number: L2463549

Report Date: 11/01/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1991755-1 QC Sample: L2463167-04 Client ID: DUP Sample						
Solids, Total	76.4	77.2	%	1		20

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST

Lab Number: L2463549
Report Date: 11/01/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2463549-01A	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		TS(7),NYTCL-8082(365)
L2463549-02A	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		TS(7),NYTCL-8082(365)
L2463549-03A	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		TS(7),NYTCL-8082(365)
L2463549-04A	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		TS(7),NYTCL-8082(365)
L2463549-05A	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		TS(7),NYTCL-8082(365)
L2463549-06A	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		TS(7),NYTCL-8082(365)
L2463549-07A	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		TS(7),NYTCL-8082(365)
L2463549-08A	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		TS(7),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2463549
Project Number:	1681-1689 MAIN ST	**Report Date:**	11/01/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2463549
Project Number:	1681-1689 MAIN ST	**Report Date:**	11/01/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2463549
Project Number:	1681-1689 MAIN ST	**Report Date:**	11/01/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 1681-1689 MAIN ST
Project Number: 1681-1689 MAIN ST
Lab Number: L2463549
Report Date: 11/01/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine, 2,6-Dichlorophenol.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 11/1/24

ALPHA Job #: L2463549

Client Information
Client: ROMA, TERRANCE/FRANK
Address: 2558 HAMBURG TURNPILE
Phone: 716 638 7931
Fax:
Email: TFRANCHI@fbmanagement.com

Project Information
Project Name: 1681-1689 MAIN ST
Project Location: BUFFALO, NY
Project #
(Use Project name as Project #) ☑
Project Manager: NATHAN MUNLEY
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 24 HOUR

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

8082 PCBs

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	8082 PCBs	Sample Specific Comments	Total Bottle
63549-01	A1 COMP	10/30/24	10:30	COMP	TSA	X	PCBs	1
02	A2 COMP	10/30/24	10:30	COMP				1
03	B1 COMP	10/30	10:15					1
04	B2 COMP		10:15					1
05	B3 COMP		10:15					1
06	C1 COMP		10:00					1
07	DUP2 COMP		10:00					1
08	C3 COMP		10:00					1
							~~DRAFT~~ SAMPLES SOIL	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	A											
Preservative	A											

Relinquished By:	Date/Time	Received By:	Date/Time
	10/30/24 1700	Buffalo Secure Storage	10/30/24 1700
	10/31/24 7:00	Buff S.C.	10/31/24 7:00
	10-31-24 15:20		
	0200		11/1 0200

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2466625
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN ST
Project Number:	Not Specified
Report Date:	11/15/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2466625-01	T4B1	SOIL	BUFFALO, NY	11/13/24 14:00	11/13/24
L2466625-02	T4B2	SOIL	BUFFALO, NY	11/13/24 14:10	11/13/24
L2466625-03	T4B3	SOIL	BUFFALO, NY	11/13/24 14:20	11/13/24
L2466625-04	T4B4	SOIL	BUFFALO, NY	11/13/24 14:30	11/13/24
L2466625-05	T4B5	SOIL	BUFFALO, NY	11/13/24 14:40	11/13/24
L2466625-06	T4B6	SOIL	BUFFALO, NY	11/13/24 14:50	11/13/24
L2466625-07	T4B7	SOIL	BUFFALO, NY	11/13/24 15:00	11/13/24
L2466625-08	SW1	SOIL	BUFFALO, NY	11/13/24 15:10	11/13/24
L2466625-09	SW2	SOIL	BUFFALO, NY	11/13/24 15:20	11/13/24
L2466625-10	SW3	SOIL	BUFFALO, NY	11/13/24 15:30	11/13/24
L2466625-11	BD	SOIL	BUFFALO, NY	11/13/24 08:00	11/13/24

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2466625
Project Number:	Not Specified	**Report Date:**	11/15/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625
Project Number: Not Specified **Report Date:** 11/15/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2466625-01 through -11: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

L2466625-04: The internal standard (IS) responses for fluorobenzene (23%), chlorobenzene-d5 (22%), and 1,4-dichlorobenzene-d4 (21%) and the surrogate recovery for 1,2-dichloroethane-d4 (144%) were outside the acceptance criteria; however, re-analysis achieved the following results: fluorobenzene (39%), chlorobenzene-d5 (36%), 1,4-dichlorobenzene-d4 (38%), and 1,2-dichloroethane-d4 (133%). The results of both analyses are reported; however, since the IS response was below method criteria, all associated compounds and surrogate recoveries are considered to have a potentially high bias.

L2466625-11: The surrogate recovery for 1,2-dichloroethane-d4 (134%) was outside the acceptance criteria; however, re-analysis achieved the following results: fluorobenzene (32%), chlorobenzene-d5 (30%), and 1,4-dichlorobenzene-d4 (29%). The results of both analyses are reported; however, since the IS response was below method criteria, all associated compounds and surrogate recoveries are considered to have a potentially high bias.

WG1998141-6: The internal standard (IS) responses for fluorobenzene (34%), chlorobenzene-d5 (30%), and 1,4-dichlorobenzene-d4 (29%) were below the acceptance criteria; however, re-analysis achieved the following results: fluorobenzene (43%), chlorobenzene-d5 (42%), and 1,4-dichlorobenzene-d4 (39%). The results of both analyses are reported; however, since the IS response was below method criteria (but not <20% of applicable calibration standard area counts), all associated compounds are considered to have a potentially high bias.

Total Metals

L2466625-01 through -10: The sample has elevated detection limits for all elements, with the exception of

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2466625
Project Number:	Not Specified	**Report Date:**	11/15/24

Case Narrative (continued)

mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 11/15/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-01
Client ID: T4B1
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 14:35
Analyst: LAC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	0.76	J	ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-01
Client ID: T4B1
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	100		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
Methyl Acetate	ND		ug/kg	4.8	1.1	1
Cyclohexane	ND		ug/kg	12	0.65	1
1,4-Dioxane	ND		ug/kg	96	42.	1
Freon-113	ND		ug/kg	4.8	0.83	1
Methyl cyclohexane	ND		ug/kg	4.8	0.72	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	127		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-02
Client ID: T4B2
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 14:25
Analyst: LAC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-02
Client ID: T4B2
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.99	1
Acetone	75		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.29	1
Methyl Acetate	ND		ug/kg	4.3	1.0	1
Cyclohexane	ND		ug/kg	11	0.59	1
1,4-Dioxane	ND		ug/kg	86	38.	1
Freon-113	ND		ug/kg	4.3	0.75	1
Methyl cyclohexane	ND		ug/kg	4.3	0.65	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-03
Client ID: T4B3
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 13:26
Analyst: LAC
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	59		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-03
Client ID: T4B3
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	80		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	88	39.	1
Freon-113	ND		ug/kg	4.4	0.77	1
Methyl cyclohexane	ND		ug/kg	4.4	0.67	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	124		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	89		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04
Client ID: T4B4
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 11:32
Analyst: LAC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.84	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.84	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.84	0.10	1
Dibromochloromethane	ND		ug/kg	0.84	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.84	0.22	1
Tetrachloroethene	ND		ug/kg	0.42	0.16	1
Chlorobenzene	0.15	J	ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.84	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.84	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.84	0.46	1
Ethylbenzene	0.52	J	ug/kg	0.84	0.12	1
Chloromethane	ND		ug/kg	3.4	0.78	1
Bromomethane	ND		ug/kg	1.7	0.49	1
Vinyl chloride	ND		ug/kg	0.84	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.84	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.12	1
Trichloroethene	ND		ug/kg	0.42	0.12	1
1,2-Dichlorobenzene	0.24	J	ug/kg	1.7	0.12	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04
Client ID: T4B4
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	0.15	J	ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	2.6		ug/kg	1.7	0.47	1
o-Xylene	2.7		ug/kg	0.84	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.84	0.15	1
Styrene	ND		ug/kg	0.84	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.4	0.77	1
Acetone	78		ug/kg	8.4	4.0	1
Carbon disulfide	ND		ug/kg	8.4	3.8	1
2-Butanone	ND		ug/kg	8.4	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.4	1.1	1
2-Hexanone	ND		ug/kg	8.4	0.99	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.84	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.84	1
Isopropylbenzene	ND		ug/kg	0.84	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
Methyl Acetate	ND		ug/kg	3.4	0.80	1
Cyclohexane	ND		ug/kg	8.4	0.46	1
1,4-Dioxane	ND		ug/kg	67	29.	1
Freon-113	ND		ug/kg	3.4	0.58	1
Methyl cyclohexane	ND		ug/kg	3.4	0.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**144**	Q	70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	94		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04 R
Client ID: T4B4
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 13:51
Analyst: LAC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04 R
Client ID: T4B4
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	0.78	J	ug/kg	2.3	0.64	1
o-Xylene	0.50	J	ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	72		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
2-Hexanone	ND		ug/kg	11	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	92	40.	1
Freon-113	ND		ug/kg	4.6	0.79	1
Methyl cyclohexane	ND		ug/kg	4.6	0.69	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**133**	Q	70-130
Toluene-d8	118		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	93		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-05
Client ID: T4B5
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:40
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 12:31
Analyst: LAC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3.8	1.8	1
1,1-Dichloroethane	ND		ug/kg	0.77	0.11	1
Chloroform	ND		ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.77	0.18	1
1,2-Dichloropropane	ND		ug/kg	0.77	0.10	1
Dibromochloromethane	ND		ug/kg	0.77	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	0.77	0.20	1
Tetrachloroethene	ND		ug/kg	0.38	0.15	1
Chlorobenzene	ND		ug/kg	0.38	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.1	0.53	1
1,2-Dichloroethane	ND		ug/kg	0.77	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	0.38	0.13	1
Bromodichloromethane	ND		ug/kg	0.38	0.08	1
trans-1,3-Dichloropropene	ND		ug/kg	0.77	0.21	1
cis-1,3-Dichloropropene	ND		ug/kg	0.38	0.12	1
Bromoform	ND		ug/kg	3.1	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.38	0.13	1
Benzene	ND		ug/kg	0.38	0.13	1
Toluene	ND		ug/kg	0.77	0.42	1
Ethylbenzene	ND		ug/kg	0.77	0.11	1
Chloromethane	ND		ug/kg	3.1	0.72	1
Bromomethane	ND		ug/kg	1.5	0.45	1
Vinyl chloride	ND		ug/kg	0.77	0.26	1
Chloroethane	ND		ug/kg	1.5	0.35	1
1,1-Dichloroethene	ND		ug/kg	0.77	0.18	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.10	1
Trichloroethene	ND		ug/kg	0.38	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	1.5	0.11	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-05
Client ID: T4B5
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:40
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.5	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	1.5	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.5	0.15	1
p/m-Xylene	ND		ug/kg	1.5	0.43	1
o-Xylene	ND		ug/kg	0.77	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	0.77	0.13	1
Styrene	ND		ug/kg	0.77	0.15	1
Dichlorodifluoromethane	ND		ug/kg	7.7	0.70	1
Acetone	50		ug/kg	7.7	3.7	1
Carbon disulfide	ND		ug/kg	7.7	3.5	1
2-Butanone	ND		ug/kg	7.7	1.7	1
4-Methyl-2-pentanone	ND		ug/kg	7.7	0.98	1
2-Hexanone	ND		ug/kg	7.7	0.91	1
Bromochloromethane	ND		ug/kg	1.5	0.16	1
1,2-Dibromoethane	ND		ug/kg	0.77	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.3	0.77	1
Isopropylbenzene	ND		ug/kg	0.77	0.08	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.5	0.25	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.5	0.21	1
Methyl Acetate	ND		ug/kg	3.1	0.73	1
Cyclohexane	ND		ug/kg	7.7	0.42	1
1,4-Dioxane	ND		ug/kg	61	27.	1
Freon-113	ND		ug/kg	3.1	0.53	1
Methyl cyclohexane	ND		ug/kg	3.1	0.46	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	97		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-06
Client ID: T4B6
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:50
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 16:46
Analyst: MKS
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.11	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1
Trichloroethene	ND		ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-06
Client ID: T4B6
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:50
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	12		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
Methyl Acetate	ND		ug/kg	3.7	0.87	1
Cyclohexane	ND		ug/kg	9.2	0.50	1
1,4-Dioxane	ND		ug/kg	74	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.55	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	88		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-07
Client ID: T4B7
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 12:52
Analyst: LAC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-07
Client ID: T4B7
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	66		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
Methyl Acetate	ND		ug/kg	4.2	0.99	1
Cyclohexane	ND		ug/kg	10	0.57	1
1,4-Dioxane	ND		ug/kg	83	36.	1
Freon-113	ND		ug/kg	4.2	0.72	1
Methyl cyclohexane	ND		ug/kg	4.2	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-08
Client ID: SW1
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 15:32
Analyst: MKS
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.21	1
Benzene	ND		ug/kg	0.62	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-08
Client ID: SW1
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	24		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Cyclohexane	ND		ug/kg	12	0.68	1
1,4-Dioxane	ND		ug/kg	100	44.	1
Freon-113	ND		ug/kg	5.0	0.87	1
Methyl cyclohexane	ND		ug/kg	5.0	0.75	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	97		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-09
Client ID: SW2
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 15:58
Analyst: MKS
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	1.3		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-09
Client ID: SW2
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	44		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	88	39.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	96		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-10
Client ID: SW3
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 16:04
Analyst: MKS
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.84	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.84	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.84	0.10	1
Dibromochloromethane	ND		ug/kg	0.84	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.84	0.22	1
Tetrachloroethene	ND		ug/kg	0.42	0.16	1
Chlorobenzene	ND		ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.84	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.84	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	0.14	J	ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.84	0.46	1
Ethylbenzene	ND		ug/kg	0.84	0.12	1
Chloromethane	ND		ug/kg	3.4	0.78	1
Bromomethane	ND		ug/kg	1.7	0.49	1
Vinyl chloride	ND		ug/kg	0.84	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.84	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.42	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-10
Client ID: SW3
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.47	1
o-Xylene	ND		ug/kg	0.84	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.84	0.15	1
Styrene	ND		ug/kg	0.84	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.4	0.77	1
Acetone	37		ug/kg	8.4	4.0	1
Carbon disulfide	ND		ug/kg	8.4	3.8	1
2-Butanone	ND		ug/kg	8.4	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.4	1.1	1
2-Hexanone	ND		ug/kg	8.4	0.99	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.84	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.84	1
Isopropylbenzene	ND		ug/kg	0.84	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
Methyl Acetate	ND		ug/kg	3.4	0.80	1
Cyclohexane	ND		ug/kg	8.4	0.46	1
1,4-Dioxane	ND		ug/kg	67	30.	1
Freon-113	ND		ug/kg	3.4	0.58	1
Methyl cyclohexane	ND		ug/kg	3.4	0.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-11
Client ID: BD
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 08:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 14:15
Analyst: LAC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3.9	1.8	1
1,1-Dichloroethane	ND		ug/kg	0.77	0.11	1
Chloroform	ND		ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.77	0.18	1
1,2-Dichloropropane	ND		ug/kg	0.77	0.10	1
Dibromochloromethane	ND		ug/kg	0.77	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	0.77	0.21	1
Tetrachloroethene	ND		ug/kg	0.39	0.15	1
Chlorobenzene	ND		ug/kg	0.39	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.1	0.54	1
1,2-Dichloroethane	12		ug/kg	0.77	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	0.39	0.13	1
Bromodichloromethane	ND		ug/kg	0.39	0.08	1
trans-1,3-Dichloropropene	ND		ug/kg	0.77	0.21	1
cis-1,3-Dichloropropene	ND		ug/kg	0.39	0.12	1
Bromoform	ND		ug/kg	3.1	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.39	0.13	1
Benzene	ND		ug/kg	0.39	0.13	1
Toluene	ND		ug/kg	0.77	0.42	1
Ethylbenzene	ND		ug/kg	0.77	0.11	1
Chloromethane	ND		ug/kg	3.1	0.72	1
Bromomethane	ND		ug/kg	1.5	0.45	1
Vinyl chloride	ND		ug/kg	0.77	0.26	1
Chloroethane	ND		ug/kg	1.5	0.35	1
1,1-Dichloroethene	ND		ug/kg	0.77	0.18	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.10	1
Trichloroethene	ND		ug/kg	0.39	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	1.5	0.11	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-11
Client ID: BD
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 08:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.5	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	1.5	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.5	0.16	1
p/m-Xylene	ND		ug/kg	1.5	0.43	1
o-Xylene	ND		ug/kg	0.77	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	0.77	0.14	1
Styrene	ND		ug/kg	0.77	0.15	1
Dichlorodifluoromethane	ND		ug/kg	7.7	0.71	1
Acetone	120		ug/kg	7.7	3.7	1
Carbon disulfide	ND		ug/kg	7.7	3.5	1
2-Butanone	ND		ug/kg	7.7	1.7	1
4-Methyl-2-pentanone	ND		ug/kg	7.7	0.99	1
2-Hexanone	ND		ug/kg	7.7	0.91	1
Bromochloromethane	ND		ug/kg	1.5	0.16	1
1,2-Dibromoethane	ND		ug/kg	0.77	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.3	0.77	1
Isopropylbenzene	ND		ug/kg	0.77	0.08	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.5	0.25	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.5	0.21	1
Methyl Acetate	ND		ug/kg	3.1	0.73	1
Cyclohexane	ND		ug/kg	7.7	0.42	1
1,4-Dioxane	ND		ug/kg	62	27.	1
Freon-113	ND		ug/kg	3.1	0.54	1
Methyl cyclohexane	ND		ug/kg	3.1	0.47	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**134**	Q	70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-11 R
Client ID: BD
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 08:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 16:25
Analyst: MKS
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	0.39	J	ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	13		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	0.35	J	ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	0.26	J	ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-11 R Date Collected: 11/13/24 08:00
Client ID: BD Date Received: 11/13/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	81		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	0.38	J	ug/kg	2.0	0.27	1
Methyl Acetate	ND		ug/kg	4.0	0.95	1
Cyclohexane	ND		ug/kg	10	0.54	1
1,4-Dioxane	ND		ug/kg	80	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	86		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 10:31
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1998060-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 10:31
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1998060-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 10:31
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1998060-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	92		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 09:39
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1998068-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 09:39
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1998068-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 09:39
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1998068-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	95		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 13:35
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06,10-11 Batch: WG1998121-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.34	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 13:35
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06,10-11 Batch: WG1998121-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	0.29	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 13:35
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06,10-11 Batch: WG1998121-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 09:22
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04-05,07,11 Batch: WG1998141-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 09:22
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04-05,07,11 Batch: WG1998141-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 09:22
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04-05,07,11 Batch: WG1998141-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	96		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 13:51
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1998146-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 13:51
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1998146-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 13:51
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1998146-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	91		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1998060-3 WG1998060-4								
Methylene chloride	91		91		70-130	0		30
1,1-Dichloroethane	96		96		70-130	0		30
Chloroform	92		92		70-130	0		30
Carbon tetrachloride	90		90		70-130	0		30
1,2-Dichloropropane	98		98		70-130	0		30
Dibromochloromethane	97		98		70-130	1		30
1,1,2-Trichloroethane	104		103		70-130	1		30
Tetrachloroethene	100		99		70-130	1		30
Chlorobenzene	100		98		70-130	2		30
Trichlorofluoromethane	94		94		70-139	0		30
1,2-Dichloroethane	96		95		70-130	1		30
1,1,1-Trichloroethane	94		93		70-130	1		30
Bromodichloromethane	92		93		70-130	1		30
trans-1,3-Dichloropropene	103		102		70-130	1		30
cis-1,3-Dichloropropene	97		97		70-130	0		30
Bromoform	95		96		70-130	1		30
1,1,2,2-Tetrachloroethane	105		105		70-130	0		30
Benzene	95		95		70-130	0		30
Toluene	101		101		70-130	0		30
Ethylbenzene	102		101		70-130	1		30
Chloromethane	101		97		52-130	4		30
Bromomethane	94		93		57-147	1		30
Vinyl chloride	110		107		67-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1998060-3 WG1998060-4								
Chloroethane	101		101		50-151	0		30
1,1-Dichloroethene	93		92		65-135	1		30
trans-1,2-Dichloroethene	92		92		70-130	0		30
Trichloroethene	98		97		70-130	1		30
1,2-Dichlorobenzene	101		101		70-130	0		30
1,3-Dichlorobenzene	101		101		70-130	0		30
1,4-Dichlorobenzene	102		102		70-130	0		30
Methyl tert butyl ether	82		80		66-130	2		30
p/m-Xylene	103		102		70-130	1		30
o-Xylene	102		102		70-130	0		30
cis-1,2-Dichloroethene	91		90		70-130	1		30
Styrene	102		103		70-130	1		30
Dichlorodifluoromethane	90		88		30-146	2		30
Acetone	**163**	Q	137		54-140	17		30
Carbon disulfide	81		81		59-130	0		30
2-Butanone	130		113		70-130	14		30
4-Methyl-2-pentanone	104		101		70-130	3		30
2-Hexanone	**135**	Q	116		70-130	15		30
Bromochloromethane	96		95		70-130	1		30
1,2-Dibromoethane	106		105		70-130	1		30
1,2-Dibromo-3-chloropropane	92		88		68-130	4		30
Isopropylbenzene	105		105		70-130	0		30
1,2,3-Trichlorobenzene	103		102		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1998060-3 WG1998060-4								
1,2,4-Trichlorobenzene	102		101		70-130	1		30
Methyl Acetate	87		86		51-146	1		30
Cyclohexane	105		103		59-142	2		30
1,4-Dioxane	94		89		65-136	5		30
Freon-113	94		93		50-139	1		30
Methyl cyclohexane	98		97		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		99		70-130
Toluene-d8	105		104		70-130
4-Bromofluorobenzene	104		104		70-130
Dibromofluoromethane	93		94		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1998068-3 WG1998068-4								
Methylene chloride	92		84		70-130	9		30
1,1-Dichloroethane	107		106		70-130	1		30
Chloroform	100		101		70-130	1		30
Carbon tetrachloride	104		103		70-130	1		30
1,2-Dichloropropane	104		104		70-130	0		30
Dibromochloromethane	101		99		70-130	2		30
1,1,2-Trichloroethane	103		102		70-130	1		30
Tetrachloroethene	106		102		70-130	4		30
Chlorobenzene	102		100		70-130	2		30
Trichlorofluoromethane	120		118		70-139	2		30
1,2-Dichloroethane	101		101		70-130	0		30
1,1,1-Trichloroethane	105		104		70-130	1		30
Bromodichloromethane	100		100		70-130	0		30
trans-1,3-Dichloropropene	110		108		70-130	2		30
cis-1,3-Dichloropropene	107		108		70-130	1		30
Bromoform	102		101		70-130	1		30
1,1,2,2-Tetrachloroethane	107		106		70-130	1		30
Benzene	103		102		70-130	1		30
Toluene	105		101		70-130	4		30
Ethylbenzene	107		105		70-130	2		30
Chloromethane	122		120		52-130	2		30
Bromomethane	123		123		57-147	0		30
Vinyl chloride	120		119		67-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1998068-3 WG1998068-4								
Chloroethane	132		130		50-151	2		30
1,1-Dichloroethene	106		107		65-135	1		30
trans-1,2-Dichloroethene	100		102		70-130	2		30
Trichloroethene	104		105		70-130	1		30
1,2-Dichlorobenzene	102		102		70-130	0		30
1,3-Dichlorobenzene	106		104		70-130	2		30
1,4-Dichlorobenzene	102		101		70-130	1		30
Methyl tert butyl ether	102		104		66-130	2		30
p/m-Xylene	108		104		70-130	4		30
o-Xylene	104		101		70-130	3		30
cis-1,2-Dichloroethene	99		100		70-130	1		30
Styrene	106		103		70-130	3		30
Dichlorodifluoromethane	136		135		30-146	1		30
Acetone	104		102		54-140	2		30
Carbon disulfide	106		105		59-130	1		30
2-Butanone	108		106		70-130	2		30
4-Methyl-2-pentanone	99		96		70-130	3		30
2-Hexanone	106		104		70-130	2		30
Bromochloromethane	97		98		70-130	1		30
1,2-Dibromoethane	105		103		70-130	2		30
1,2-Dibromo-3-chloropropane	90		89		68-130	1		30
Isopropylbenzene	111		110		70-130	1		30
1,2,3-Trichlorobenzene	104		102		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1998068-3 WG1998068-4								
1,2,4-Trichlorobenzene	106		105		70-130	1		30
Methyl Acetate	101		102		51-146	1		30
Cyclohexane	115		115		59-142	0		30
1,4-Dioxane	71		69		65-136	3		30
Freon-113	112		112		50-139	0		30
Methyl cyclohexane	112		111		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		101		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	102		103		70-130
Dibromofluoromethane	97		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,10-11 Batch: WG1998121-3 WG1998121-4								
Methylene chloride	103		99		70-130	4		30
1,1-Dichloroethane	80		78		70-130	3		30
Chloroform	108		106		70-130	2		30
Carbon tetrachloride	104		101		70-130	3		30
1,2-Dichloropropane	81		80		70-130	1		30
Dibromochloromethane	96		95		70-130	1		30
1,1,2-Trichloroethane	104		103		70-130	1		30
Tetrachloroethene	113		108		70-130	5		30
Chlorobenzene	106		101		70-130	5		30
Trichlorofluoromethane	112		109		70-139	3		30
1,2-Dichloroethane	93		93		70-130	0		30
1,1,1-Trichloroethane	110		105		70-130	5		30
Bromodichloromethane	103		100		70-130	3		30
trans-1,3-Dichloropropene	110		109		70-130	1		30
cis-1,3-Dichloropropene	106		103		70-130	3		30
Bromoform	103		103		70-130	0		30
1,1,2,2-Tetrachloroethane	93		89		70-130	4		30
Benzene	102		100		70-130	2		30
Toluene	108		104		70-130	4		30
Ethylbenzene	114		109		70-130	4		30
Chloromethane	**48**	Q	**46**	Q	52-130	4		30
Bromomethane	118		113		57-147	4		30
Vinyl chloride	74		72		67-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,10-11 Batch: WG1998121-3 WG1998121-4								
Chloroethane	83		80		50-151	4		30
1,1-Dichloroethene	97		94		65-135	3		30
trans-1,2-Dichloroethene	105		103		70-130	2		30
Trichloroethene	109		108		70-130	1		30
1,2-Dichlorobenzene	106		101		70-130	5		30
1,3-Dichlorobenzene	105		100		70-130	5		30
1,4-Dichlorobenzene	104		100		70-130	4		30
Methyl tert butyl ether	95		93		66-130	2		30
p/m-Xylene	108		103		70-130	5		30
o-Xylene	107		102		70-130	5		30
cis-1,2-Dichloroethene	99		98		70-130	1		30
Styrene	108		105		70-130	3		30
Dichlorodifluoromethane	101		94		30-146	7		30
Acetone	87		84		54-140	4		30
Carbon disulfide	99		93		59-130	6		30
2-Butanone	82		75		70-130	9		30
4-Methyl-2-pentanone	**66**	Q	**64**	Q	70-130	3		30
2-Hexanone	**64**	Q	**63**	Q	70-130	2		30
Bromochloromethane	94		91		70-130	3		30
1,2-Dibromoethane	103		102		70-130	1		30
1,2-Dibromo-3-chloropropane	95		91		68-130	4		30
Isopropylbenzene	106		101		70-130	5		30
1,2,3-Trichlorobenzene	124		115		70-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,10-11 Batch: WG1998121-3 WG1998121-4								
1,2,4-Trichlorobenzene	124		116		70-130	7		30
Methyl Acetate	**45**	Q	**44**	Q	51-146	2		30
Cyclohexane	66		62		59-142	6		30
1,4-Dioxane	**211**	Q	**204**	Q	65-136	3		30
Freon-113	102		96		50-139	6		30
Methyl cyclohexane	106		100		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		100		70-130
Toluene-d8	103		104		70-130
4-Bromofluorobenzene	102		100		70-130
Dibromofluoromethane	97		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07,11 Batch: WG1998141-3 WG1998141-4								
Methylene chloride	74		74		70-130	0		30
1,1-Dichloroethane	111		117		70-130	5		30
Chloroform	102		100		70-130	2		30
Carbon tetrachloride	104		100		70-130	4		30
1,2-Dichloropropane	122		124		70-130	2		30
Dibromochloromethane	100		101		70-130	1		30
1,1,2-Trichloroethane	95		99		70-130	4		30
Tetrachloroethene	106		98		70-130	8		30
Chlorobenzene	98		95		70-130	3		30
Trichlorofluoromethane	85		80		70-139	6		30
1,2-Dichloroethane	120		127		70-130	6		30
1,1,1-Trichloroethane	104		100		70-130	4		30
Bromodichloromethane	108		109		70-130	1		30
trans-1,3-Dichloropropene	102		103		70-130	1		30
cis-1,3-Dichloropropene	106		108		70-130	2		30
Bromoform	83		90		70-130	8		30
1,1,2,2-Tetrachloroethane	96		107		70-130	11		30
Benzene	102		100		70-130	2		30
Toluene	98		93		70-130	5		30
Ethylbenzene	105		98		70-130	7		30
Chloromethane	**144**	Q	**137**	Q	52-130	5		30
Bromomethane	62		59		57-147	5		30
Vinyl chloride	116		106		67-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07,11 Batch: WG1998141-3 WG1998141-4								
Chloroethane	94		89		50-151	5		30
1,1-Dichloroethene	81		74		65-135	9		30
trans-1,2-Dichloroethene	78		74		70-130	5		30
Trichloroethene	98		96		70-130	2		30
1,2-Dichlorobenzene	97		98		70-130	1		30
1,3-Dichlorobenzene	96		95		70-130	1		30
1,4-Dichlorobenzene	95		95		70-130	0		30
Methyl tert butyl ether	70		75		66-130	7		30
p/m-Xylene	103		97		70-130	6		30
o-Xylene	102		97		70-130	5		30
cis-1,2-Dichloroethene	94		92		70-130	2		30
Styrene	104		102		70-130	2		30
Dichlorodifluoromethane	98		92		30-146	6		30
Acetone	123		133		54-140	8		30
Carbon disulfide	83		77		59-130	8		30
2-Butanone	128		**132**	Q	70-130	3		30
4-Methyl-2-pentanone	99		109		70-130	10		30
2-Hexanone	112		121		70-130	8		30
Bromochloromethane	93		95		70-130	2		30
1,2-Dibromoethane	104		108		70-130	4		30
1,2-Dibromo-3-chloropropane	77		82		68-130	6		30
Isopropylbenzene	96		93		70-130	3		30
1,2,3-Trichlorobenzene	100		106		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07,11 Batch: WG1998141-3 WG1998141-4								
1,2,4-Trichlorobenzene	102		105		70-130	3		30
Methyl Acetate	80		92		51-146	14		30
Cyclohexane	134		123		59-142	9		30
1,4-Dioxane	67		78		65-136	15		30
Freon-113	84		80		50-139	5		30
Methyl cyclohexane	99		94		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	120		126		70-130
Toluene-d8	98		96		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	98		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1998146-3 WG1998146-4								
Methylene chloride	105		90		70-130	15		30
1,1-Dichloroethane	104		95		70-130	9		30
Chloroform	97		86		70-130	12		30
Carbon tetrachloride	90		89		70-130	1		30
1,2-Dichloropropane	109		94		70-130	15		30
Dibromochloromethane	117		98		70-130	18		30
1,1,2-Trichloroethane	115		96		70-130	18		30
Tetrachloroethene	117		113		70-130	3		30
Chlorobenzene	114		100		70-130	13		30
Trichlorofluoromethane	**62**	Q	**64**	Q	70-139	3		30
1,2-Dichloroethane	94		80		70-130	16		30
1,1,1-Trichloroethane	94		90		70-130	4		30
Bromodichloromethane	98		84		70-130	15		30
trans-1,3-Dichloropropene	108		93		70-130	15		30
cis-1,3-Dichloropropene	105		91		70-130	14		30
Bromoform	108		90		70-130	18		30
1,1,2,2-Tetrachloroethane	116		96		70-130	19		30
Benzene	103		93		70-130	10		30
Toluene	95		86		70-130	10		30
Ethylbenzene	106		96		70-130	10		30
Chloromethane	101		98		52-130	3		30
Bromomethane	76		71		57-147	7		30
Vinyl chloride	87		89		67-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1998146-3 WG1998146-4								
Chloroethane	70		68		50-151	3		30
1,1-Dichloroethene	**63**	Q	**63**	Q	65-135	0		30
trans-1,2-Dichloroethene	104		98		70-130	6		30
Trichloroethene	101		96		70-130	5		30
1,2-Dichlorobenzene	116		100		70-130	15		30
1,3-Dichlorobenzene	114		100		70-130	13		30
1,4-Dichlorobenzene	113		98		70-130	14		30
Methyl tert butyl ether	85		71		66-130	18		30
p/m-Xylene	111		101		70-130	9		30
o-Xylene	109		97		70-130	12		30
cis-1,2-Dichloroethene	104		92		70-130	12		30
Styrene	111		97		70-130	13		30
Dichlorodifluoromethane	96		99		30-146	3		30
Acetone	88		54		54-140	**48**	Q	30
Carbon disulfide	60		61		59-130	2		30
2-Butanone	86		**62**	Q	70-130	**32**	Q	30
4-Methyl-2-pentanone	103		90		70-130	13		30
2-Hexanone	85		99		70-130	15		30
Bromochloromethane	112		94		70-130	17		30
1,2-Dibromoethane	123		101		70-130	20		30
1,2-Dibromo-3-chloropropane	108		93		68-130	15		30
Isopropylbenzene	108		100		70-130	8		30
1,2,3-Trichlorobenzene	121		104		70-130	15		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1998146-3 WG1998146-4								
1,2,4-Trichlorobenzene	121		107		70-130	12		30
Methyl Acetate	95		83		51-146	13		30
Cyclohexane	106		107		59-142	1		30
1,4-Dioxane	96		79		65-136	19		30
Freon-113	62		64		50-139	3		30
Methyl cyclohexane	98		99		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	84		89		70-130
Toluene-d8	103		103		70-130
4-Bromofluorobenzene	96		97		70-130
Dibromofluoromethane	91		91		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07,11 QC Batch ID: WG1998141-6 WG1998141-7 QC Sample: L2466625-01 Client ID: T4B1												
Methylene chloride	ND	105	82	78		75	74		70-130	9		30
1,1-Dichloroethane	ND	105	140	**134**	Q	120	117		70-130	17		30
Chloroform	ND	105	120	115		110	104		70-130	14		30
Carbon tetrachloride	ND	105	150	**144**	Q	120	114		70-130	26		30
1,2-Dichloropropane	ND	105	140	**133**	Q	130	124		70-130	11		30
Dibromochloromethane	ND	105	110	103		98	97		70-130	10		30
1,1,2-Trichloroethane	ND	105	110	104		97	95		70-130	12		30
Tetrachloroethene	ND	105	150	**140**	Q	110	110		70-130	28		30
Chlorobenzene	ND	105	110	108		95	94		70-130	18		30
Trichlorofluoromethane	ND	105	130	126		99	98		70-139	28		30
1,2-Dichloroethane	0.76J	105	130	126		120	120		70-130	8		30
1,1,1-Trichloroethane	ND	105	150	**143**	Q	120	114		70-130	26		30
Bromodichloromethane	ND	105	120	111		110	105		70-130	10		30
trans-1,3-Dichloropropene	ND	105	100	99		93	92		70-130	11		30
cis-1,3-Dichloropropene	ND	105	110	101		100	98		70-130	6		30
Bromoform	ND	105	95	90		90	89		70-130	5		30
1,1,2,2-Tetrachloroethane	ND	105	110	105		110	106		70-130	2		30
Benzene	ND	105	130	123		110	106		70-130	19		30
Toluene	ND	105	130	122		100	99		70-130	25		30
Ethylbenzene	ND	105	130	126		100	103		70-130	24		30
Chloromethane	ND	105	210	**200**	Q	170	**165**	Q	52-130	23		30
Bromomethane	ND	105	84	80		69	68		57-147	20		30
Vinyl chloride	ND	105	170	**163**	Q	130	130		67-130	26		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07,11 QC Batch ID: WG1998141-6 WG1998141-7 QC Sample: L2466625-01 Client ID: T4B1												
Chloroethane	ND	105	130	124		100	102		50-151	23		30
1,1-Dichloroethene	ND	105	120	110		90	89		65-135	25		30
trans-1,2-Dichloroethene	ND	105	100	98		85	84		70-130	19		30
Trichloroethene	ND	105	130	124		100	103		70-130	22		30
1,2-Dichlorobenzene	ND	105	98	94		87	86		70-130	12		30
1,3-Dichlorobenzene	ND	105	100	96		87	86		70-130	15		30
1,4-Dichlorobenzene	ND	105	98	93		83	82		70-130	16		30
Methyl tert butyl ether	ND	105	72	68		70	69		66-130	3		30
p/m-Xylene	ND	210	260	122		200	100		70-130	23		30
o-Xylene	ND	210	240	116		200	98		70-130	21		30
cis-1,2-Dichloroethene	ND	105	110	106		94	92		70-130	17		30
Styrene	ND	210	230	110		190	95		70-130	18		30
Dichlorodifluoromethane	ND	105	160	**147**	Q	120	114		30-146	29		30
Acetone	100	105	250	**145**	Q	240	140		54-140	4		30
Carbon disulfide	ND	105	120	111		91	89		59-130	26		30
2-Butanone	ND	105	160	**148**	Q	150	**148**	Q	70-130	4		30
4-Methyl-2-pentanone	ND	105	110	105		110	106		70-130	2		30
2-Hexanone	ND	105	140	128		120	120		70-130	10		30
Bromochloromethane	ND	105	100	97		93	92		70-130	9		30
1,2-Dibromoethane	ND	105	110	102		99	98		70-130	8		30
1,2-Dibromo-3-chloropropane	ND	105	80	76		83	82		68-130	4		30
Isopropylbenzene	ND	105	130	126		110	105		70-130	23		30
1,2,3-Trichlorobenzene	ND	105	73	70		68	**67**	Q	70-130	8		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07,11 QC Batch ID: WG1998141-6 WG1998141-7 QC Sample: L2466625-01 Client ID: T4B1												
1,2,4-Trichlorobenzene	ND	105	73	**69**	Q	67	**66**	Q	70-130	9		30
Methyl Acetate	ND	105	140	131		120	122		51-146	11		30
Cyclohexane	ND	105	200	**188**	Q	150	**147**	Q	59-142	28		30
1,4-Dioxane	ND	5260	3900	75		3700	74		65-136	5		30
Freon-113	ND	105	130	122		95	94		50-139	30		30
Methyl cyclohexane	ND	105	140	**137**	Q	110	106		70-130	29		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		121		70-130
4-Bromofluorobenzene	103		104		70-130
Dibromofluoromethane	91		97		70-130
Toluene-d8	101		97		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-01
Client ID: T4B1
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 12:40
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-01 Date Collected: 11/13/24 14:00

Client ID: T4B1 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-01
Client ID: T4B1
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	84		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-02
Client ID: T4B2
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 13:51
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-02 Date Collected: 11/13/24 14:10

Client ID: T4B2 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-02
Client ID: T4B2
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	73		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-03
Client ID: T4B3
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 14:15
Analyst: IM
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	70.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-03 Date Collected: 11/13/24 14:20

Client ID: T4B3 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	40.	1
3-Nitroaniline	ND		ug/kg	200	39.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	980	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-03
Client ID: T4B3
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	90		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04
Client ID: T4B4
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 14:04
Analyst: JG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	500		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	3300		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	95	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	1400		ug/kg	110	22.	1
Benzo(a)pyrene	1200		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04 Date Collected: 11/13/24 14:30

Client ID: T4B4 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1400		ug/kg	110	32.	1
Benzo(k)fluoranthene	490		ug/kg	110	31.	1
Chrysene	1200		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	990		ug/kg	110	37.	1
Benzo(ghi)perylene	640		ug/kg	150	22.	1
Fluorene	420		ug/kg	190	18.	1
Phenanthrene	3000		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	190		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	570		ug/kg	150	27.	1
Pyrene	2600		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	230		ug/kg	190	18.	1
2-Methylnaphthalene	70	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	160	J	ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	240		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04
Client ID: T4B4
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	77		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-05
Client ID: T4B5
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:40
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 14:10
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-05 Date Collected: 11/13/24 14:40

Client ID: T4B5 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-05
Client ID: T4B5
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:40
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	100		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-06
Client ID: T4B6
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:50
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 13:47
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	67.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-06 Date Collected: 11/13/24 14:50

Client ID: T4B6 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-06
Client ID: T4B6
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:50
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	73		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-07
Client ID: T4B7
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 14:40
Analyst: JG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	72	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	49	J	ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-07 Date Collected: 11/13/24 15:00

Client ID: T4B7 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	55	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	46	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	34	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	47	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	28	J	ug/kg	160	28.	1
Pyrene	63	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-07
Client ID: T4B7
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	84		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-08
Client ID: SW1
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 14:57
Analyst: JG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-08 Date Collected: 11/13/24 15:10

Client ID: SW1 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-08
Client ID: SW1
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	84		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-09
Client ID: SW2
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 14:22
Analyst: JG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	49.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	88	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	37	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-09 Date Collected: 11/13/24 15:20

Client ID: SW2 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	34	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	33	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	52	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	69	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-09
Client ID: SW2
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	84		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-10
Client ID: SW3
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 14:34
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-10 Date Collected: 11/13/24 15:30

Client ID: SW3 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	450	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-10
Client ID: SW3
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	74		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-11
Client ID: BD
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 08:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 14:57
Analyst: JG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-11 Date Collected: 11/13/24 08:00

Client ID: BD Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-11
Client ID: BD
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 08:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	80		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/15/24 11:29
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1997779-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/15/24 11:29
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1997779-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/15/24 11:29
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1997779-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	75		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1997779-2 WG1997779-3								
Acenaphthene	59		83		31-137	34		50
Hexachlorobenzene	56		80		40-140	35		50
Bis(2-chloroethyl)ether	52		81		40-140	44		50
2-Chloronaphthalene	58		81		40-140	33		50
3,3'-Dichlorobenzidine	50		71		40-140	35		50
2,4-Dinitrotoluene	66		91		40-132	32		50
2,6-Dinitrotoluene	65		90		40-140	32		50
Fluoranthene	61		86		40-140	34		50
4-Chlorophenyl phenyl ether	56		78		40-140	33		50
4-Bromophenyl phenyl ether	56		79		40-140	34		50
Bis(2-chloroisopropyl)ether	51		77		40-140	41		50
Bis(2-chloroethoxy)methane	61		91		40-117	39		50
Hexachlorobutadiene	43		63		40-140	38		50
Hexachlorocyclopentadiene	**38**	Q	50		40-140	27		50
Hexachloroethane	54		83		40-140	42		50
Isophorone	55		81		40-140	38		50
Naphthalene	56		81		40-140	36		50
Nitrobenzene	50		74		40-140	39		50
NDPA/DPA	60		85		36-157	34		50
n-Nitrosodi-n-propylamine	51		75		32-121	38		50
Bis(2-ethylhexyl)phthalate	76		112		40-140	38		50
Butyl benzyl phthalate	77		106		40-140	32		50
Di-n-butylphthalate	72		102		40-140	34		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1997779-2 WG1997779-3								
Di-n-octylphthalate	79		114		40-140	36		50
Diethyl phthalate	63		89		40-140	34		50
Dimethyl phthalate	60		84		40-140	33		50
Benzo(a)anthracene	59		85		40-140	36		50
Benzo(a)pyrene	64		94		40-140	38		50
Benzo(b)fluoranthene	60		87		40-140	37		50
Benzo(k)fluoranthene	60		87		40-140	37		50
Chrysene	57		86		40-140	41		50
Acenaphthylene	66		94		40-140	35		50
Anthracene	63		87		40-140	32		50
Benzo(ghi)perylene	61		91		40-140	39		50
Fluorene	61		84		40-140	32		50
Phenanthrene	62		86		40-140	32		50
Dibenzo(a,h)anthracene	59		88		40-140	39		50
Indeno(1,2,3-cd)pyrene	59		90		40-140	42		50
Pyrene	60		85		35-142	34		50
Biphenyl	60		85		37-127	34		50
4-Chloroaniline	**29**	Q	59		40-140	**68**	Q	50
2-Nitroaniline	76		106		47-134	33		50
3-Nitroaniline	57		80		26-129	34		50
4-Nitroaniline	70		98		41-125	33		50
Dibenzofuran	58		83		40-140	35		50
2-Methylnaphthalene	52		77		40-140	39		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1997779-2 WG1997779-3								
1,2,4,5-Tetrachlorobenzene	54		76		40-117	34		50
Acetophenone	64		93		14-144	37		50
2,4,6-Trichlorophenol	54		76		30-130	34		50
p-Chloro-m-cresol	64		90		26-103	34		50
2-Chlorophenol	62		93		25-102	40		50
2,4-Dichlorophenol	62		92		30-130	39		50
2,4-Dimethylphenol	71		102		30-130	36		50
2-Nitrophenol	64		97		30-130	41		50
4-Nitrophenol	68		96		11-114	34		50
2,4-Dinitrophenol	54		78		4-130	36		50
4,6-Dinitro-o-cresol	54		76		10-130	34		50
Pentachlorophenol	50		71		17-109	35		50
Phenol	60		85		26-90	34		50
2-Methylphenol	66		95		30-130.	36		50
3-Methylphenol/4-Methylphenol	66		95		30-130	36		50
2,4,5-Trichlorophenol	59		84		30-130	35		50
Carbazole	64		92		54-128	36		50
Atrazine	54		76		40-140	34		50
Benzaldehyde	58		94		40-140	47		50
Caprolactam	68		94		15-130	32		50
2,3,4,6-Tetrachlorophenol	59		86		40-140	37		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1997779-2 WG1997779-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		79		25-120
Phenol-d6	62		84		10-120
Nitrobenzene-d5	50		71		23-120
2-Fluorobiphenyl	52		68		30-120
2,4,6-Tribromophenol	53		73		10-136
4-Terphenyl-d14	56		74		18-120

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1997779-4 WG1997779-5 QC Sample: L2466625-01 Client ID: T4B1												
Acenaphthene	ND	1560	1000	64		1400	89		31-137	33		50
Hexachlorobenzene	ND	1560	940	60		1300	83		40-140	32		50
Bis(2-chloroethyl)ether	ND	1560	840	54		1300	83		40-140	43		50
2-Chloronaphthalene	ND	1560	920	59		1300	83		40-140	34		50
3,3'-Dichlorobenzidine	ND	1560	890	57		1200	77		40-140	30		50
2,4-Dinitrotoluene	ND	1560	1100	70		1500	96		40-132	31		50
2,6-Dinitrotoluene	ND	1560	1000	64		1500	96		40-140	40		50
Fluoranthene	ND	1560	1000	64		1400	89		40-140	33		50
4-Chlorophenyl phenyl ether	ND	1560	940	60		1300	83		40-140	32		50
4-Bromophenyl phenyl ether	ND	1560	930	59		1300	83		40-140	33		50
Bis(2-chloroisopropyl)ether	ND	1560	820	52		1300	83		40-140	45		50
Bis(2-chloroethoxy)methane	ND	1560	1000	64		1500	96		40-117	40		50
Hexachlorobutadiene	ND	1560	700	45		1000	64		40-140	35		50
Hexachlorocyclopentadiene	ND	1560	600	**38**	Q	860	55		40-140	36		50
Hexachloroethane	ND	1560	860	55		1300	83		40-140	41		50
Isophorone	ND	1560	900	57		1300	83		40-140	36		50
Naphthalene	ND	1560	880	56		1400	89		40-140	46		50
Nitrobenzene	ND	1560	790	50		1200	77		40-140	41		50
NDPA/DPA	ND	1560	1000	64		1400	89		36-157	33		50
n-Nitrosodi-n-propylamine	ND	1560	840	54		1200	77		32-121	35		50
Bis(2-ethylhexyl)phthalate	ND	1560	1300	83		1900	120		40-140	38		50
Butyl benzyl phthalate	ND	1560	1300	83		1800	110		40-140	32		50
Di-n-butylphthalate	ND	1560	1200	77		1600	100		40-140	29		50

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1997779-4 WG1997779-5 QC Sample: L2466625-01 Client ID: T4B1												
Di-n-octylphthalate	ND	1560	1300	83		1900	120		40-140	38		50
Diethyl phthalate	ND	1560	1000	64		1500	96		40-140	40		50
Dimethyl phthalate	ND	1560	970	62		1300	83		40-140	29		50
Benzo(a)anthracene	ND	1560	1000	64		1400	89		40-140	33		50
Benzo(a)pyrene	ND	1560	1100	70		1500	96		40-140	31		50
Benzo(b)fluoranthene	ND	1560	1000	64		1500	96		40-140	40		50
Benzo(k)fluoranthene	ND	1560	1000	64		1500	96		40-140	40		50
Chrysene	ND	1560	1000	64		1400	89		40-140	33		50
Acenaphthylene	ND	1560	1100	70		1500	96		40-140	31		50
Anthracene	ND	1560	1100	70		1500	96		40-140	31		50
Benzo(ghi)perylene	ND	1560	1100	70		1500	96		40-140	31		50
Fluorene	ND	1560	1000	64		1400	89		40-140	33		50
Phenanthrene	ND	1560	1000	64		1400	89		40-140	33		50
Dibenzo(a,h)anthracene	ND	1560	1000	64		1500	96		40-140	40		50
Indeno(1,2,3-cd)pyrene	ND	1560	1000	64		1500	96		40-140	40		50
Pyrene	ND	1560	1000	64		1400	89		35-142	33		50
Biphenyl	ND	1560	970	62		1400	89		37-127	36		50
4-Chloroaniline	ND	1560	460	**29**	Q	630	40		40-140	31		50
2-Nitroaniline	ND	1560	1200	77		1700	110		47-134	34		50
3-Nitroaniline	ND	1560	1000	64		1400	89		26-129	33		50
4-Nitroaniline	ND	1560	1100	70		1600	100		41-125	37		50
Dibenzofuran	ND	1560	980	63		1400	89		40-140	35		50
2-Methylnaphthalene	ND	1560	870	56		1200	77		40-140	32		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1997779-4 WG1997779-5 QC Sample: L2466625-01 Client ID: T4B1												
1,2,4,5-Tetrachlorobenzene	ND	1560	880	56		1200	77		40-117	31		50
Acetophenone	ND	1560	1000	64		1500	96		14-144	40		50
2,4,6-Trichlorophenol	ND	1560	880	56		1300	83		30-130	39		50
p-Chloro-m-cresol	ND	1560	1100	70		1500	96		26-103	31		50
2-Chlorophenol	ND	1560	970	62		1600	100		25-102	49		50
2,4-Dichlorophenol	ND	1560	1000	64		1500	96		30-130	40		50
2,4-Dimethylphenol	ND	1560	1200	77		1800	110		30-130	40		50
2-Nitrophenol	ND	1560	1000	64		1600	100		30-130	46		50
4-Nitrophenol	ND	1560	1100	70		1500	96		11-114	31		50
2,4-Dinitrophenol	ND	1560	200J	13		330J	21		4-130	49		50
4,6-Dinitro-o-cresol	ND	1560	510	33		890	57		10-130	**54**	Q	50
Pentachlorophenol	ND	1560	770	49		1100	70		17-109	35		50
Phenol	ND	1560	920	59		1400	89		26-90	41		50
2-Methylphenol	ND	1560	1100	70		1600	100		30-130.	37		50
3-Methylphenol/4-Methylphenol	ND	1560	1100	70		1600	100		30-130	37		50
2,4,5-Trichlorophenol	ND	1560	1000	64		1400	89		30-130	33		50
Carbazole	ND	1560	1100	70		1500	96		54-128	31		50
Atrazine	ND	1560	900	57		1200	77		40-140	29		50
Benzaldehyde	ND	1560	930	59		1400	89		40-140	40		50
Caprolactam	ND	1560	980	63		1400	89		15-130	35		50
2,3,4,6-Tetrachlorophenol	ND	1560	1000	64		1400	89		40-140	33		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1997779-4 WG1997779-5 QC Sample: L2466625-01 Client ID: T4B1												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	57		78		10-136
2-Fluorobiphenyl	50		73		30-120
2-Fluorophenol	54		87		25-120
4-Terphenyl-d14	57		79		18-120
Nitrobenzene-d5	50		75		23-120
Phenol-d6	59		90		10-120

PCBS

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-01
Client ID: T4B1
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 12:45
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.7	5.04	1	A
Aroclor 1221	ND		ug/kg	56.7	5.68	1	A
Aroclor 1232	ND		ug/kg	56.7	12.0	1	A
Aroclor 1242	ND		ug/kg	56.7	7.65	1	A
Aroclor 1248	ND		ug/kg	56.7	8.51	1	A
Aroclor 1254	ND		ug/kg	56.7	6.21	1	A
Aroclor 1260	ND		ug/kg	56.7	10.5	1	A
Aroclor 1262	ND		ug/kg	56.7	7.20	1	A
Aroclor 1268	ND		ug/kg	56.7	5.88	1	A
PCBs, Total	ND		ug/kg	56.7	5.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-02
Client ID: T4B2
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 13:09
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.5	4.93	1	A
Aroclor 1221	ND		ug/kg	55.5	5.56	1	A
Aroclor 1232	ND		ug/kg	55.5	11.8	1	A
Aroclor 1242	ND		ug/kg	55.5	7.48	1	A
Aroclor 1248	ND		ug/kg	55.5	8.33	1	A
Aroclor 1254	ND		ug/kg	55.5	6.07	1	A
Aroclor 1260	ND		ug/kg	55.5	10.2	1	A
Aroclor 1262	ND		ug/kg	55.5	7.05	1	A
Aroclor 1268	ND		ug/kg	55.5	5.75	1	A
PCBs, Total	ND		ug/kg	55.5	4.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-03
Client ID: T4B3
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 13:17
Analyst: MEO
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.9	5.41	1	A
Aroclor 1221	ND		ug/kg	60.9	6.10	1	A
Aroclor 1232	ND		ug/kg	60.9	12.9	1	A
Aroclor 1242	ND		ug/kg	60.9	8.21	1	A
Aroclor 1248	ND		ug/kg	60.9	9.14	1	A
Aroclor 1254	ND		ug/kg	60.9	6.66	1	A
Aroclor 1260	ND		ug/kg	60.9	11.2	1	A
Aroclor 1262	ND		ug/kg	60.9	7.74	1	A
Aroclor 1268	ND		ug/kg	60.9	6.31	1	A
PCBs, Total	ND		ug/kg	60.9	5.41	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04
Client ID: T4B4
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 13:24
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.8	4.87	1	A
Aroclor 1221	ND		ug/kg	54.8	5.49	1	A
Aroclor 1232	ND		ug/kg	54.8	11.6	1	A
Aroclor 1242	ND		ug/kg	54.8	7.39	1	A
Aroclor 1248	ND		ug/kg	54.8	8.22	1	A
Aroclor 1254	ND		ug/kg	54.8	6.00	1	A
Aroclor 1260	ND		ug/kg	54.8	10.1	1	A
Aroclor 1262	ND		ug/kg	54.8	6.96	1	A
Aroclor 1268	ND		ug/kg	54.8	5.68	1	A
PCBs, Total	ND		ug/kg	54.8	4.87	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-05
Client ID: T4B5
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:40
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 13:32
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.7	4.95	1	A
Aroclor 1221	ND		ug/kg	55.7	5.58	1	A
Aroclor 1232	ND		ug/kg	55.7	11.8	1	A
Aroclor 1242	ND		ug/kg	55.7	7.51	1	A
Aroclor 1248	ND		ug/kg	55.7	8.36	1	A
Aroclor 1254	ND		ug/kg	55.7	6.10	1	A
Aroclor 1260	ND		ug/kg	55.7	10.3	1	A
Aroclor 1262	ND		ug/kg	55.7	7.08	1	A
Aroclor 1268	ND		ug/kg	55.7	5.77	1	A
PCBs, Total	ND		ug/kg	55.7	4.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-06
Client ID: T4B6
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:50
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 13:40
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.6	5.21	1	A
Aroclor 1221	ND		ug/kg	58.6	5.88	1	A
Aroclor 1232	ND		ug/kg	58.6	12.4	1	A
Aroclor 1242	ND		ug/kg	58.6	7.91	1	A
Aroclor 1248	ND		ug/kg	58.6	8.80	1	A
Aroclor 1254	ND		ug/kg	58.6	6.42	1	A
Aroclor 1260	ND		ug/kg	58.6	10.8	1	A
Aroclor 1262	ND		ug/kg	58.6	7.45	1	A
Aroclor 1268	ND		ug/kg	58.6	6.08	1	A
PCBs, Total	ND		ug/kg	58.6	5.21	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-07
Client ID: T4B7
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 13:48
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.8	5.04	1	A
Aroclor 1221	ND		ug/kg	56.8	5.69	1	A
Aroclor 1232	ND		ug/kg	56.8	12.0	1	A
Aroclor 1242	ND		ug/kg	56.8	7.66	1	A
Aroclor 1248	ND		ug/kg	56.8	8.52	1	A
Aroclor 1254	ND		ug/kg	56.8	6.21	1	A
Aroclor 1260	ND		ug/kg	56.8	10.5	1	A
Aroclor 1262	ND		ug/kg	56.8	7.21	1	A
Aroclor 1268	ND		ug/kg	56.8	5.88	1	A
PCBs, Total	ND		ug/kg	56.8	5.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-08
Client ID: SW1
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 13:56
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.7	4.68	1	A
Aroclor 1221	ND		ug/kg	52.7	5.28	1	A
Aroclor 1232	ND		ug/kg	52.7	11.2	1	A
Aroclor 1242	ND		ug/kg	52.7	7.10	1	A
Aroclor 1248	ND		ug/kg	52.7	7.90	1	A
Aroclor 1254	ND		ug/kg	52.7	5.76	1	A
Aroclor 1260	ND		ug/kg	52.7	9.74	1	A
Aroclor 1262	ND		ug/kg	52.7	6.69	1	A
Aroclor 1268	ND		ug/kg	52.7	5.46	1	A
PCBs, Total	ND		ug/kg	52.7	4.68	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-09
Client ID: SW2
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 14:04
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.3	4.64	1	A
Aroclor 1221	ND		ug/kg	52.3	5.24	1	A
Aroclor 1232	ND		ug/kg	52.3	11.1	1	A
Aroclor 1242	10.9	J	ug/kg	52.3	7.05	1	B
Aroclor 1248	ND		ug/kg	52.3	7.84	1	A
Aroclor 1254	ND		ug/kg	52.3	5.72	1	A
Aroclor 1260	ND		ug/kg	52.3	9.66	1	A
Aroclor 1262	ND		ug/kg	52.3	6.64	1	A
Aroclor 1268	ND		ug/kg	52.3	5.42	1	A
PCBs, Total	10.9	J	ug/kg	52.3	4.64	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-10
Client ID: SW3
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 14:12
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.6	5.12	1	A
Aroclor 1221	ND		ug/kg	57.6	5.77	1	A
Aroclor 1232	ND		ug/kg	57.6	12.2	1	A
Aroclor 1242	ND		ug/kg	57.6	7.77	1	A
Aroclor 1248	ND		ug/kg	57.6	8.64	1	A
Aroclor 1254	ND		ug/kg	57.6	6.30	1	A
Aroclor 1260	ND		ug/kg	57.6	10.6	1	A
Aroclor 1262	ND		ug/kg	57.6	7.32	1	A
Aroclor 1268	ND		ug/kg	57.6	5.97	1	A
PCBs, Total	ND		ug/kg	57.6	5.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-11
Client ID: BD
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 08:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 14:20
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.1	5.07	1	A
Aroclor 1221	ND		ug/kg	57.1	5.72	1	A
Aroclor 1232	ND		ug/kg	57.1	12.1	1	A
Aroclor 1242	ND		ug/kg	57.1	7.70	1	A
Aroclor 1248	ND		ug/kg	57.1	8.57	1	A
Aroclor 1254	ND		ug/kg	57.1	6.25	1	A
Aroclor 1260	ND		ug/kg	57.1	10.6	1	A
Aroclor 1262	ND		ug/kg	57.1	7.26	1	A
Aroclor 1268	ND		ug/kg	57.1	5.92	1	A
PCBs, Total	ND		ug/kg	57.1	5.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 11/15/24 07:41
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 11/14/24 18:38
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-11 Batch: WG1997681-1						
Aroclor 1016	ND		ug/kg	45.5	4.04	A
Aroclor 1221	ND		ug/kg	45.5	4.56	A
Aroclor 1232	ND		ug/kg	45.5	9.64	A
Aroclor 1242	ND		ug/kg	45.5	6.13	A
Aroclor 1248	ND		ug/kg	45.5	6.82	A
Aroclor 1254	ND		ug/kg	45.5	4.98	A
Aroclor 1260	ND		ug/kg	45.5	8.41	A
Aroclor 1262	ND		ug/kg	45.5	5.78	A
Aroclor 1268	ND		ug/kg	45.5	4.71	A
PCBs, Total	ND		ug/kg	45.5	4.04	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	97		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-11 Batch: WG1997681-2 WG1997681-3									
Aroclor 1016	68		67		40-140	1		50	A
Aroclor 1260	73		69		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		74		30-150	A
Decachlorobiphenyl	98		93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		80		30-150	B
Decachlorobiphenyl	89		87		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1997681-4 WG1997681-5 QC Sample: L2466625-01 Client ID: T4B1													
Aroclor 1016	ND	351	223	64		220	64		40-140	1		50	A
Aroclor 1260	ND	351	237	68		228	66		40-140	4		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		73		30-150	A
Decachlorobiphenyl	82		90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		79		30-150	B
Decachlorobiphenyl	76		83		30-150	B

METALS

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-01
Client ID: T4B1
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.64		mg/kg	0.889	0.185	2	11/15/24 08:40	11/15/24 11:56	EPA 3050B	1,6010D	JMF
Barium, Total	58.0		mg/kg	0.889	0.155	2	11/15/24 08:40	11/15/24 11:56	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.889	0.087	2	11/15/24 08:40	11/15/24 11:56	EPA 3050B	1,6010D	JMF
Chromium, Total	10.4		mg/kg	0.889	0.085	2	11/15/24 08:40	11/15/24 11:56	EPA 3050B	1,6010D	JMF
Lead, Total	12.9		mg/kg	4.44	0.238	2	11/15/24 08:40	11/15/24 11:56	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.076	0.050	1	11/15/24 09:15	11/15/24 10:46	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.78	0.229	2	11/15/24 08:40	11/15/24 11:56	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.444	0.252	2	11/15/24 08:40	11/15/24 11:56	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-02
Client ID: T4B2
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.01		mg/kg	0.887	0.184	2	11/15/24 08:40	11/15/24 11:49	EPA 3050B	1,6010D	JMF
Barium, Total	48.2		mg/kg	0.887	0.154	2	11/15/24 08:40	11/15/24 11:49	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.887	0.087	2	11/15/24 08:40	11/15/24 11:49	EPA 3050B	1,6010D	JMF
Chromium, Total	8.78		mg/kg	0.887	0.085	2	11/15/24 08:40	11/15/24 11:49	EPA 3050B	1,6010D	JMF
Lead, Total	15.3		mg/kg	4.43	0.238	2	11/15/24 08:40	11/15/24 11:49	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.048	1	11/15/24 09:15	11/15/24 10:56	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.77	0.229	2	11/15/24 08:40	11/15/24 11:49	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.443	0.251	2	11/15/24 08:40	11/15/24 11:49	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-03
Client ID: T4B3
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.25		mg/kg	0.979	0.204	2	11/15/24 08:40	11/15/24 11:52	EPA 3050B	1,6010D	JMF
Barium, Total	77.0		mg/kg	0.979	0.170	2	11/15/24 08:40	11/15/24 11:52	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.979	0.096	2	11/15/24 08:40	11/15/24 11:52	EPA 3050B	1,6010D	JMF
Chromium, Total	14.1		mg/kg	0.979	0.094	2	11/15/24 08:40	11/15/24 11:52	EPA 3050B	1,6010D	JMF
Lead, Total	13.8		mg/kg	4.90	0.262	2	11/15/24 08:40	11/15/24 11:52	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.079	0.052	1	11/15/24 09:15	11/15/24 10:59	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.96	0.252	2	11/15/24 08:40	11/15/24 11:52	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.490	0.277	2	11/15/24 08:40	11/15/24 11:52	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04
Client ID: T4B4
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.01		mg/kg	0.875	0.182	2	11/15/24 08:40	11/15/24 12:31	EPA 3050B	1,6010D	JMF
Barium, Total	43.0		mg/kg	0.875	0.152	2	11/15/24 08:40	11/15/24 12:31	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.875	0.086	2	11/15/24 08:40	11/15/24 12:31	EPA 3050B	1,6010D	JMF
Chromium, Total	7.24		mg/kg	0.875	0.084	2	11/15/24 08:40	11/15/24 12:31	EPA 3050B	1,6010D	JMF
Lead, Total	12.1		mg/kg	4.38	0.234	2	11/15/24 08:40	11/15/24 12:31	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.073	0.047	1	11/15/24 09:15	11/15/24 11:03	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.75	0.226	2	11/15/24 08:40	11/15/24 12:31	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.438	0.248	2	11/15/24 08:40	11/15/24 12:31	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-05
Client ID: T4B5
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:40
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.04		mg/kg	0.910	0.189	2	11/15/24 08:40	11/15/24 12:34	EPA 3050B	1,6010D	JMF
Barium, Total	57.4		mg/kg	0.910	0.158	2	11/15/24 08:40	11/15/24 12:34	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.910	0.089	2	11/15/24 08:40	11/15/24 12:34	EPA 3050B	1,6010D	JMF
Chromium, Total	11.2		mg/kg	0.910	0.087	2	11/15/24 08:40	11/15/24 12:34	EPA 3050B	1,6010D	JMF
Lead, Total	14.3		mg/kg	4.55	0.244	2	11/15/24 08:40	11/15/24 12:34	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.075	0.049	1	11/15/24 09:15	11/15/24 11:06	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.82	0.235	2	11/15/24 08:40	11/15/24 12:34	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.455	0.258	2	11/15/24 08:40	11/15/24 12:34	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-06
Client ID: T4B6
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:50
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.50		mg/kg	0.886	0.184	2	11/15/24 08:40	11/15/24 12:38	EPA 3050B	1,6010D	JMF
Barium, Total	67.8		mg/kg	0.886	0.154	2	11/15/24 08:40	11/15/24 12:38	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.886	0.087	2	11/15/24 08:40	11/15/24 12:38	EPA 3050B	1,6010D	JMF
Chromium, Total	12.6		mg/kg	0.886	0.085	2	11/15/24 08:40	11/15/24 12:38	EPA 3050B	1,6010D	JMF
Lead, Total	13.9		mg/kg	4.43	0.237	2	11/15/24 08:40	11/15/24 12:38	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.076	0.049	1	11/15/24 09:15	11/15/24 11:09	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.77	0.228	2	11/15/24 08:40	11/15/24 12:38	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.443	0.251	2	11/15/24 08:40	11/15/24 12:38	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-07
Client ID: T4B7
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.11		mg/kg	0.947	0.197	2	11/15/24 08:40	11/15/24 12:41	EPA 3050B	1,6010D	JMF
Barium, Total	84.1		mg/kg	0.947	0.165	2	11/15/24 08:40	11/15/24 12:41	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.947	0.093	2	11/15/24 08:40	11/15/24 12:41	EPA 3050B	1,6010D	JMF
Chromium, Total	12.9		mg/kg	0.947	0.091	2	11/15/24 08:40	11/15/24 12:41	EPA 3050B	1,6010D	JMF
Lead, Total	35.5		mg/kg	4.74	0.254	2	11/15/24 08:40	11/15/24 12:41	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.078	0.051	1	11/15/24 09:15	11/15/24 11:19	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.89	0.244	2	11/15/24 08:40	11/15/24 12:41	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.474	0.268	2	11/15/24 08:40	11/15/24 12:41	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-08
Client ID: SW1
Sample Location: BUFFALO, NY
Sample Depth:
Matrix: Soil
Percent Solids: 88%

Date Collected: 11/13/24 15:10
Date Received: 11/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.54		mg/kg	0.884	0.184	2	11/15/24 08:40	11/15/24 12:45	EPA 3050B	1,6010D	JMF
Barium, Total	51.7		mg/kg	0.884	0.154	2	11/15/24 08:40	11/15/24 12:45	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.884	0.087	2	11/15/24 08:40	11/15/24 12:45	EPA 3050B	1,6010D	JMF
Chromium, Total	9.23		mg/kg	0.884	0.085	2	11/15/24 08:40	11/15/24 12:45	EPA 3050B	1,6010D	JMF
Lead, Total	12.4		mg/kg	4.42	0.237	2	11/15/24 08:40	11/15/24 12:45	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.072	0.047	1	11/15/24 09:15	11/15/24 11:23	EPA 7471B	1,7471B	MJR
Selenium, Total	0.299	J	mg/kg	1.77	0.228	2	11/15/24 08:40	11/15/24 12:45	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.442	0.250	2	11/15/24 08:40	11/15/24 12:45	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-09
Client ID: SW2
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.80		mg/kg	0.860	0.179	2	11/15/24 08:40	11/15/24 12:48	EPA 3050B	1,6010D	JMF
Barium, Total	58.1		mg/kg	0.860	0.150	2	11/15/24 08:40	11/15/24 12:48	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.860	0.084	2	11/15/24 08:40	11/15/24 12:48	EPA 3050B	1,6010D	JMF
Chromium, Total	9.21		mg/kg	0.860	0.083	2	11/15/24 08:40	11/15/24 12:48	EPA 3050B	1,6010D	JMF
Lead, Total	11.9		mg/kg	4.30	0.230	2	11/15/24 08:40	11/15/24 12:48	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.073	0.047	1	11/15/24 09:15	11/15/24 11:26	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.72	0.222	2	11/15/24 08:40	11/15/24 12:48	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.430	0.243	2	11/15/24 08:40	11/15/24 12:48	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-10
Client ID: SW3
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.36		mg/kg	0.911	0.189	2	11/15/24 08:40	11/15/24 12:51	EPA 3050B	1,6010D	JMF
Barium, Total	79.7		mg/kg	0.911	0.158	2	11/15/24 08:40	11/15/24 12:51	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.911	0.089	2	11/15/24 08:40	11/15/24 12:51	EPA 3050B	1,6010D	JMF
Chromium, Total	10.1		mg/kg	0.911	0.087	2	11/15/24 08:40	11/15/24 12:51	EPA 3050B	1,6010D	JMF
Lead, Total	16.7		mg/kg	4.55	0.244	2	11/15/24 08:40	11/15/24 12:51	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.075	0.049	1	11/15/24 09:15	11/15/24 11:29	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.82	0.235	2	11/15/24 08:40	11/15/24 12:51	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.455	0.258	2	11/15/24 08:40	11/15/24 12:51	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1997797-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	11/15/24 08:40	11/15/24 12:24	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	11/15/24 08:40	11/15/24 12:24	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	11/15/24 08:40	11/15/24 12:24	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	11/15/24 08:40	11/15/24 12:24	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	11/15/24 08:40	11/15/24 12:24	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	11/15/24 08:40	11/15/24 12:24	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	11/15/24 08:40	11/15/24 12:24	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1997798-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	11/15/24 09:15	11/15/24 10:40	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1997797-2								
Arsenic, Total	97		-		80-120	-		
Barium, Total	102		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Lead, Total	98		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	104		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1997798-2								
Mercury, Total	100		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1997797-3 WG1997797-4 QC Sample: L2466625-01 Client ID: T4B1												
Arsenic, Total	2.64	10.9	13.1	96		13.1	97		75-125	0		20
Barium, Total	58.0	182	218	88		216	88		75-125	1		20
Cadmium, Total	ND	4.84	3.83	79		3.65	76		75-125	5		20
Chromium, Total	10.4	18.2	25.0	80		25.7	85		75-125	3		20
Lead, Total	12.9	48.4	55.3	88		56.5	91		75-125	2		20
Selenium, Total	ND	10.9	9.77	89		9.32	86		75-125	5		20
Silver, Total	ND	4.56	4.32	95		4.15	92		75-125	4		20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1997798-3 WG1997798-4 QC Sample: L2466625-01 Client ID: T4B1												
Mercury, Total	ND	1.52	1.52	100		1.62	107		80-120	6		20

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2466625
Report Date: 11/15/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1997797-6 QC Sample: L2466625-01 Client ID: T4B1						
Barium, Total	58.0	58.9	mg/kg	2		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-01
Client ID: T4B1
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-02
Client ID: T4B2
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-03
Client ID: T4B3
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.3		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04
Client ID: T4B4
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-05
Client ID: T4B5
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:40
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-06
Client ID: T4B6
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:50
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-07
Client ID: T4B7
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.2		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-08
Client ID: SW1
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-09
Client ID: SW2
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-10
Client ID: SW3
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-11
Client ID: BD
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 08:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.1		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1997780-1 QC Sample: L2466625-01 Client ID: T4B1						
Solids, Total	84.5	84.4	%	0		20

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2466625-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-01A1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-01A2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-01B	Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-01B1	Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-01B2	Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-01C	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-01C1	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-01C2	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-01D	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-01D1	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-01D2	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-01X	Vial MeOH preserved split	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-01X1	Vial MeOH preserved split	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-01X2	Vial MeOH preserved split	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-01Y	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-01Y1	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-01Y2	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-01Z	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2466625-01Z1	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-01Z2	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-02B	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-02C	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-02D	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-02X	Vial MeOH preserved split	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-02Y	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-02Z	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-03A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-03B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-03C	Vial Large Septa unpreserved (4oz)	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-03D	Glass 250ml/8oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-03X	Vial MeOH preserved split	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-03Y	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-03Z	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-04A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2466625-04B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-04C	Vial Large Septa unpreserved (4oz)	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-04D	Glass 250ml/8oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-04X	Vial MeOH preserved split	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-04Y	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-04Z	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-05B	Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2466625-05C	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-05D	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-05X	Vial MeOH preserved split	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-05Y	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-05Z	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-06A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-06B	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-06C	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-06D	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-06X	Vial MeOH preserved split	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-06Y	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-06Z	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-07A	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2466625-07B	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-07C	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-07D	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-07E	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-07X	Vial MeOH preserved split	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-07Y	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-07Z	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-08A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-08B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-08C	Vial Large Septa unpreserved (4oz)	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-08D	Glass 250ml/8oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-08X	Vial MeOH preserved split	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-08Y	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2466625-08Z	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-09A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-09B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-09C	Vial Large Septa unpreserved (4oz)	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-09D	Glass 250ml/8oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-09X	Vial MeOH preserved split	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-09Y	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-09Z	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-10A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-10B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-10C	Vial Large Septa unpreserved (4oz)	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-10D	Glass 250ml/8oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-10X	Vial MeOH preserved split	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-10Y	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-10Z	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-11A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-11B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-11C	Vial Large Septa unpreserved (4oz)	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-11D	Glass 250ml/8oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-11X	Vial MeOH preserved split	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-11Y	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-11Z	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2466625
Project Number:	Not Specified	**Report Date:**	11/15/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2466625
Project Number:	Not Specified	**Report Date:**	11/15/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2466625
Project Number:	Not Specified	**Report Date:**	11/15/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine, 2,6-Dichlorophenol.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 11/15/24

ALPHA Job #: L2466625

Client Information
Client: RUVY
Address: 2558 HAMBURG TURNPIKE
Phone: 716 638 7931
Fax:
Email: [illegible]@[illegible]

Project Information
Project Name: 1681-1689 MAIN ST
Project Location: BUFFALO, NY
Project #: 1681-1689 MAIN ST
(Use Project name as Project #)
Project Manager: CARL JANISH
ALPHAQuote #:

Turn-Around Time
Standard ☐ Rush (only if pre approved) ☑
Due Date: 24 HOUR
# of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TOTAL PCBs	TCL VOCs	TCL SVOCs	RCRA METALS	Sample Specific Comments	Total Bottle
66625-01	T4B1	11/13/24	1400	SOIL	TSB	X	X	X	X		4
02	T4B2		1410								4
03	T4B3		1420								4
04	T4B4		1430								4
05	T4B5		1440								4
06	T4B6		1450								4
07	T4B7		1500							SVOC Sample in	5
08	SW1		1510							2 small Bottles	4
09	SW2		1520								4
10	SW3		1530								4

Container Type: A A A A
Preservative: A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	11/13/24 1720	PACE	11/13/24 17:20
PACE	11/13/24 17:20	BUF SC	11/13/24 17:20
Russell B Bixby	11-14-24 15:59		
	0130		11/15/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 2 of 2

Date Rec'd in Lab: 11/15/24

ALPHA Job #: L2466625

Client Information
Client: ROLA
Address: 2558 HAMBURG TURNPIKE
Phone: 716 688 7931
Fax:
Email: tbrouth@rotarinc.com

Project Information
Project Name: 1681 - 1689 MAIN ST
Project Location: BUFFALO, NY
Project #
(Use Project name as Project #) ☐
Project Manager: CARL JANISH
ALPHAQuote #:

Turn-Around Time
Standard ☐
Rush (only if pre approved) ☑
Due Date: 24 HOUR
# of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS
TOTAL PCBs | TCL VOCs | TCL SVOCs | RCRA METALS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TOTAL PCBs	TCL VOCs	TCL SVOCs	RCRA METALS	Sample Specific Comments	Total Bottle
66625-01	MS	11/13/24	000	SOIL	TSB	X	X	X			
-01	MSD	↓	↓	↓	↓	↓	↓	↓			
-11	BD	↓	↓	↓	↓	↓	↓	↓		MAY ALSO BE "BLIND DUP"	

Container Type: A | A | A
Preservative: A | A | A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	11/13/24 1720	PACE	11/13/24 17:20
PACE	11/13/24 17:20	BUF SC	11/13/24 17:20
Russell B Bixby	11-14-24 15:59		
	0130		11/15/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2466625
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN ST
Project Number:	Not Specified
Report Date:	11/15/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2466625-01	T4B1	SOIL	BUFFALO, NY	11/13/24 14:00	11/13/24
L2466625-02	T4B2	SOIL	BUFFALO, NY	11/13/24 14:10	11/13/24
L2466625-03	T4B3	SOIL	BUFFALO, NY	11/13/24 14:20	11/13/24
L2466625-04	T4B4	SOIL	BUFFALO, NY	11/13/24 14:30	11/13/24
L2466625-05	T4B5	SOIL	BUFFALO, NY	11/13/24 14:40	11/13/24
L2466625-06	T4B6	SOIL	BUFFALO, NY	11/13/24 14:50	11/13/24
L2466625-07	T4B7	SOIL	BUFFALO, NY	11/13/24 15:00	11/13/24
L2466625-08	SW1	SOIL	BUFFALO, NY	11/13/24 15:10	11/13/24
L2466625-09	SW2	SOIL	BUFFALO, NY	11/13/24 15:20	11/13/24
L2466625-10	SW3	SOIL	BUFFALO, NY	11/13/24 15:30	11/13/24
L2466625-11	BD	SOIL	BUFFALO, NY	11/13/24 08:00	11/13/24

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2466625
Project Number:	Not Specified	**Report Date:**	11/15/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625
Project Number: Not Specified **Report Date:** 11/15/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2466625-01 through -11: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

L2466625-04: The internal standard (IS) responses for fluorobenzene (23%), chlorobenzene-d5 (22%), and 1,4-dichlorobenzene-d4 (21%) and the surrogate recovery for 1,2-dichloroethane-d4 (144%) were outside the acceptance criteria; however, re-analysis achieved the following results: fluorobenzene (39%), chlorobenzene-d5 (36%), 1,4-dichlorobenzene-d4 (38%), and 1,2-dichloroethane-d4 (133%). The results of both analyses are reported; however, since the IS response was below method criteria, all associated compounds and surrogate recoveries are considered to have a potentially high bias.

L2466625-11: The surrogate recovery for 1,2-dichloroethane-d4 (134%) was outside the acceptance criteria; however, re-analysis achieved the following results: fluorobenzene (32%), chlorobenzene-d5 (30%), and 1,4-dichlorobenzene-d4 (29%). The results of both analyses are reported; however, since the IS response was below method criteria, all associated compounds and surrogate recoveries are considered to have a potentially high bias.

WG1998141-6: The internal standard (IS) responses for fluorobenzene (34%), chlorobenzene-d5 (30%), and 1,4-dichlorobenzene-d4 (29%) were below the acceptance criteria; however, re-analysis achieved the following results: fluorobenzene (43%), chlorobenzene-d5 (42%), and 1,4-dichlorobenzene-d4 (39%). The results of both analyses are reported; however, since the IS response was below method criteria (but not <20% of applicable calibration standard area counts), all associated compounds are considered to have a potentially high bias.

Total Metals

L2466625-01 through -10: The sample has elevated detection limits for all elements, with the exception of

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2466625
Project Number:	Not Specified	**Report Date:**	11/15/24

Case Narrative (continued)

mercury, due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 11/15/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-01
Client ID: T4B1
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 14:35
Analyst: LAC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	0.76	J	ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-01
Client ID: T4B1
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	100		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
Methyl Acetate	ND		ug/kg	4.8	1.1	1
Cyclohexane	ND		ug/kg	12	0.65	1
1,4-Dioxane	ND		ug/kg	96	42.	1
Freon-113	ND		ug/kg	4.8	0.83	1
Methyl cyclohexane	ND		ug/kg	4.8	0.72	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	127		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-02
Client ID: T4B2
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 14:25
Analyst: LAC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-02
Client ID: T4B2
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.99	1
Acetone	75		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.29	1
Methyl Acetate	ND		ug/kg	4.3	1.0	1
Cyclohexane	ND		ug/kg	11	0.59	1
1,4-Dioxane	ND		ug/kg	86	38.	1
Freon-113	ND		ug/kg	4.3	0.75	1
Methyl cyclohexane	ND		ug/kg	4.3	0.65	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-03
Client ID: T4B3
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 13:26
Analyst: LAC
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	59		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	ND		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-03
Client ID: T4B3
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	80		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	88	39.	1
Freon-113	ND		ug/kg	4.4	0.77	1
Methyl cyclohexane	ND		ug/kg	4.4	0.67	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	124		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	89		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04
Client ID: T4B4
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 11:32
Analyst: LAC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.84	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.84	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.84	0.10	1
Dibromochloromethane	ND		ug/kg	0.84	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.84	0.22	1
Tetrachloroethene	ND		ug/kg	0.42	0.16	1
Chlorobenzene	0.15	J	ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.84	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.84	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.84	0.46	1
Ethylbenzene	0.52	J	ug/kg	0.84	0.12	1
Chloromethane	ND		ug/kg	3.4	0.78	1
Bromomethane	ND		ug/kg	1.7	0.49	1
Vinyl chloride	ND		ug/kg	0.84	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.84	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.12	1
Trichloroethene	ND		ug/kg	0.42	0.12	1
1,2-Dichlorobenzene	0.24	J	ug/kg	1.7	0.12	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04
Client ID: T4B4
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	0.15	J	ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	2.6		ug/kg	1.7	0.47	1
o-Xylene	2.7		ug/kg	0.84	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.84	0.15	1
Styrene	ND		ug/kg	0.84	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.4	0.77	1
Acetone	78		ug/kg	8.4	4.0	1
Carbon disulfide	ND		ug/kg	8.4	3.8	1
2-Butanone	ND		ug/kg	8.4	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.4	1.1	1
2-Hexanone	ND		ug/kg	8.4	0.99	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.84	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.84	1
Isopropylbenzene	ND		ug/kg	0.84	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
Methyl Acetate	ND		ug/kg	3.4	0.80	1
Cyclohexane	ND		ug/kg	8.4	0.46	1
1,4-Dioxane	ND		ug/kg	67	29.	1
Freon-113	ND		ug/kg	3.4	0.58	1
Methyl cyclohexane	ND		ug/kg	3.4	0.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**144**	Q	70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	94		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04 R
Client ID: T4B4
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 13:51
Analyst: LAC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04 R
Client ID: T4B4
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	0.78	J	ug/kg	2.3	0.64	1
o-Xylene	0.50	J	ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	72		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
2-Hexanone	ND		ug/kg	11	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	92	40.	1
Freon-113	ND		ug/kg	4.6	0.79	1
Methyl cyclohexane	ND		ug/kg	4.6	0.69	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**133**	Q	70-130
Toluene-d8	118		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	93		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-05
Client ID: T4B5
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:40
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 12:31
Analyst: LAC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3.8	1.8	1
1,1-Dichloroethane	ND		ug/kg	0.77	0.11	1
Chloroform	ND		ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.77	0.18	1
1,2-Dichloropropane	ND		ug/kg	0.77	0.10	1
Dibromochloromethane	ND		ug/kg	0.77	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	0.77	0.20	1
Tetrachloroethene	ND		ug/kg	0.38	0.15	1
Chlorobenzene	ND		ug/kg	0.38	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.1	0.53	1
1,2-Dichloroethane	ND		ug/kg	0.77	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	0.38	0.13	1
Bromodichloromethane	ND		ug/kg	0.38	0.08	1
trans-1,3-Dichloropropene	ND		ug/kg	0.77	0.21	1
cis-1,3-Dichloropropene	ND		ug/kg	0.38	0.12	1
Bromoform	ND		ug/kg	3.1	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.38	0.13	1
Benzene	ND		ug/kg	0.38	0.13	1
Toluene	ND		ug/kg	0.77	0.42	1
Ethylbenzene	ND		ug/kg	0.77	0.11	1
Chloromethane	ND		ug/kg	3.1	0.72	1
Bromomethane	ND		ug/kg	1.5	0.45	1
Vinyl chloride	ND		ug/kg	0.77	0.26	1
Chloroethane	ND		ug/kg	1.5	0.35	1
1,1-Dichloroethene	ND		ug/kg	0.77	0.18	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.10	1
Trichloroethene	ND		ug/kg	0.38	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	1.5	0.11	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-05
Client ID: T4B5
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:40
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.5	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	1.5	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.5	0.15	1
p/m-Xylene	ND		ug/kg	1.5	0.43	1
o-Xylene	ND		ug/kg	0.77	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	0.77	0.13	1
Styrene	ND		ug/kg	0.77	0.15	1
Dichlorodifluoromethane	ND		ug/kg	7.7	0.70	1
Acetone	50		ug/kg	7.7	3.7	1
Carbon disulfide	ND		ug/kg	7.7	3.5	1
2-Butanone	ND		ug/kg	7.7	1.7	1
4-Methyl-2-pentanone	ND		ug/kg	7.7	0.98	1
2-Hexanone	ND		ug/kg	7.7	0.91	1
Bromochloromethane	ND		ug/kg	1.5	0.16	1
1,2-Dibromoethane	ND		ug/kg	0.77	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.3	0.77	1
Isopropylbenzene	ND		ug/kg	0.77	0.08	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.5	0.25	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.5	0.21	1
Methyl Acetate	ND		ug/kg	3.1	0.73	1
Cyclohexane	ND		ug/kg	7.7	0.42	1
1,4-Dioxane	ND		ug/kg	61	27.	1
Freon-113	ND		ug/kg	3.1	0.53	1
Methyl cyclohexane	ND		ug/kg	3.1	0.46	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	97		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-06
Client ID: T4B6
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:50
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 16:46
Analyst: MKS
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.11	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1
Trichloroethene	ND		ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-06
Client ID: T4B6
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:50
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	12		ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
Methyl Acetate	ND		ug/kg	3.7	0.87	1
Cyclohexane	ND		ug/kg	9.2	0.50	1
1,4-Dioxane	ND		ug/kg	74	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.55	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	88		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-07
Client ID: T4B7
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 12:52
Analyst: LAC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-07
Client ID: T4B7
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	66		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
Methyl Acetate	ND		ug/kg	4.2	0.99	1
Cyclohexane	ND		ug/kg	10	0.57	1
1,4-Dioxane	ND		ug/kg	83	36.	1
Freon-113	ND		ug/kg	4.2	0.72	1
Methyl cyclohexane	ND		ug/kg	4.2	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-08
Client ID: SW1
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 15:32
Analyst: MKS
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.9	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.87	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.21	1
Benzene	ND		ug/kg	0.62	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.73	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-08
Client ID: SW1
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	24		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	ND		ug/kg	12	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.8	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Cyclohexane	ND		ug/kg	12	0.68	1
1,4-Dioxane	ND		ug/kg	100	44.	1
Freon-113	ND		ug/kg	5.0	0.87	1
Methyl cyclohexane	ND		ug/kg	5.0	0.75	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	97		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-09
Client ID: SW2
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 15:58
Analyst: MKS
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	1.3		ug/kg	0.55	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-09
Client ID: SW2
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	44		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
1,4-Dioxane	ND		ug/kg	88	39.	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	96		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-10
Client ID: SW3
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 16:04
Analyst: MKS
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.84	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.84	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.84	0.10	1
Dibromochloromethane	ND		ug/kg	0.84	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.84	0.22	1
Tetrachloroethene	ND		ug/kg	0.42	0.16	1
Chlorobenzene	ND		ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.84	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.84	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	0.14	J	ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.84	0.46	1
Ethylbenzene	ND		ug/kg	0.84	0.12	1
Chloromethane	ND		ug/kg	3.4	0.78	1
Bromomethane	ND		ug/kg	1.7	0.49	1
Vinyl chloride	ND		ug/kg	0.84	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.84	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.42	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-10
Client ID: SW3
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.47	1
o-Xylene	ND		ug/kg	0.84	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.84	0.15	1
Styrene	ND		ug/kg	0.84	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.4	0.77	1
Acetone	37		ug/kg	8.4	4.0	1
Carbon disulfide	ND		ug/kg	8.4	3.8	1
2-Butanone	ND		ug/kg	8.4	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.4	1.1	1
2-Hexanone	ND		ug/kg	8.4	0.99	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.84	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.84	1
Isopropylbenzene	ND		ug/kg	0.84	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
Methyl Acetate	ND		ug/kg	3.4	0.80	1
Cyclohexane	ND		ug/kg	8.4	0.46	1
1,4-Dioxane	ND		ug/kg	67	30.	1
Freon-113	ND		ug/kg	3.4	0.58	1
Methyl cyclohexane	ND		ug/kg	3.4	0.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-11
Client ID: BD
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 08:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 14:15
Analyst: LAC
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3.9	1.8	1
1,1-Dichloroethane	ND		ug/kg	0.77	0.11	1
Chloroform	ND		ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.77	0.18	1
1,2-Dichloropropane	ND		ug/kg	0.77	0.10	1
Dibromochloromethane	ND		ug/kg	0.77	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	0.77	0.21	1
Tetrachloroethene	ND		ug/kg	0.39	0.15	1
Chlorobenzene	ND		ug/kg	0.39	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.1	0.54	1
1,2-Dichloroethane	12		ug/kg	0.77	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	0.39	0.13	1
Bromodichloromethane	ND		ug/kg	0.39	0.08	1
trans-1,3-Dichloropropene	ND		ug/kg	0.77	0.21	1
cis-1,3-Dichloropropene	ND		ug/kg	0.39	0.12	1
Bromoform	ND		ug/kg	3.1	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.39	0.13	1
Benzene	ND		ug/kg	0.39	0.13	1
Toluene	ND		ug/kg	0.77	0.42	1
Ethylbenzene	ND		ug/kg	0.77	0.11	1
Chloromethane	ND		ug/kg	3.1	0.72	1
Bromomethane	ND		ug/kg	1.5	0.45	1
Vinyl chloride	ND		ug/kg	0.77	0.26	1
Chloroethane	ND		ug/kg	1.5	0.35	1
1,1-Dichloroethene	ND		ug/kg	0.77	0.18	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.10	1
Trichloroethene	ND		ug/kg	0.39	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	1.5	0.11	1

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-11
Client ID: BD
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 08:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.5	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	1.5	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.5	0.16	1
p/m-Xylene	ND		ug/kg	1.5	0.43	1
o-Xylene	ND		ug/kg	0.77	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	0.77	0.14	1
Styrene	ND		ug/kg	0.77	0.15	1
Dichlorodifluoromethane	ND		ug/kg	7.7	0.71	1
Acetone	120		ug/kg	7.7	3.7	1
Carbon disulfide	ND		ug/kg	7.7	3.5	1
2-Butanone	ND		ug/kg	7.7	1.7	1
4-Methyl-2-pentanone	ND		ug/kg	7.7	0.99	1
2-Hexanone	ND		ug/kg	7.7	0.91	1
Bromochloromethane	ND		ug/kg	1.5	0.16	1
1,2-Dibromoethane	ND		ug/kg	0.77	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.3	0.77	1
Isopropylbenzene	ND		ug/kg	0.77	0.08	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.5	0.25	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.5	0.21	1
Methyl Acetate	ND		ug/kg	3.1	0.73	1
Cyclohexane	ND		ug/kg	7.7	0.42	1
1,4-Dioxane	ND		ug/kg	62	27.	1
Freon-113	ND		ug/kg	3.1	0.54	1
Methyl cyclohexane	ND		ug/kg	3.1	0.47	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**134**	Q	70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	98		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-11 R
Client ID: BD
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 08:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/15/24 16:25
Analyst: MKS
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	0.39	J	ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	13		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	0.35	J	ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	0.26	J	ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-11 R Date Collected: 11/13/24 08:00
Client ID: BD Date Received: 11/13/24
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	81		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	0.38	J	ug/kg	2.0	0.27	1
Methyl Acetate	ND		ug/kg	4.0	0.95	1
Cyclohexane	ND		ug/kg	10	0.54	1
1,4-Dioxane	ND		ug/kg	80	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	86		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 10:31
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1998060-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 10:31
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1998060-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 10:31
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1998060-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	92		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 09:39
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1998068-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 09:39
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1998068-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 09:39
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1998068-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	95		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 13:35
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06,10-11 Batch: WG1998121-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.34	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 13:35
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06,10-11 Batch: WG1998121-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	0.29	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 13:35
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06,10-11 Batch: WG1998121-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	106		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 09:22
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04-05,07,11 Batch: WG1998141-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 09:22
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04-05,07,11 Batch: WG1998141-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 09:22
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04-05,07,11 Batch: WG1998141-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	96		70-130

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 13:51
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1998146-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 13:51
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1998146-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 13:51
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1998146-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	91		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1998060-3 WG1998060-4								
Methylene chloride	91		91		70-130	0		30
1,1-Dichloroethane	96		96		70-130	0		30
Chloroform	92		92		70-130	0		30
Carbon tetrachloride	90		90		70-130	0		30
1,2-Dichloropropane	98		98		70-130	0		30
Dibromochloromethane	97		98		70-130	1		30
1,1,2-Trichloroethane	104		103		70-130	1		30
Tetrachloroethene	100		99		70-130	1		30
Chlorobenzene	100		98		70-130	2		30
Trichlorofluoromethane	94		94		70-139	0		30
1,2-Dichloroethane	96		95		70-130	1		30
1,1,1-Trichloroethane	94		93		70-130	1		30
Bromodichloromethane	92		93		70-130	1		30
trans-1,3-Dichloropropene	103		102		70-130	1		30
cis-1,3-Dichloropropene	97		97		70-130	0		30
Bromoform	95		96		70-130	1		30
1,1,2,2-Tetrachloroethane	105		105		70-130	0		30
Benzene	95		95		70-130	0		30
Toluene	101		101		70-130	0		30
Ethylbenzene	102		101		70-130	1		30
Chloromethane	101		97		52-130	4		30
Bromomethane	94		93		57-147	1		30
Vinyl chloride	110		107		67-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1998060-3 WG1998060-4								
Chloroethane	101		101		50-151	0		30
1,1-Dichloroethene	93		92		65-135	1		30
trans-1,2-Dichloroethene	92		92		70-130	0		30
Trichloroethene	98		97		70-130	1		30
1,2-Dichlorobenzene	101		101		70-130	0		30
1,3-Dichlorobenzene	101		101		70-130	0		30
1,4-Dichlorobenzene	102		102		70-130	0		30
Methyl tert butyl ether	82		80		66-130	2		30
p/m-Xylene	103		102		70-130	1		30
o-Xylene	102		102		70-130	0		30
cis-1,2-Dichloroethene	91		90		70-130	1		30
Styrene	102		103		70-130	1		30
Dichlorodifluoromethane	90		88		30-146	2		30
Acetone	**163**	Q	137		54-140	17		30
Carbon disulfide	81		81		59-130	0		30
2-Butanone	130		113		70-130	14		30
4-Methyl-2-pentanone	104		101		70-130	3		30
2-Hexanone	**135**	Q	116		70-130	15		30
Bromochloromethane	96		95		70-130	1		30
1,2-Dibromoethane	106		105		70-130	1		30
1,2-Dibromo-3-chloropropane	92		88		68-130	4		30
Isopropylbenzene	105		105		70-130	0		30
1,2,3-Trichlorobenzene	103		102		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1998060-3 WG1998060-4								
1,2,4-Trichlorobenzene	102		101		70-130	1		30
Methyl Acetate	87		86		51-146	1		30
Cyclohexane	105		103		59-142	2		30
1,4-Dioxane	94		89		65-136	5		30
Freon-113	94		93		50-139	1		30
Methyl cyclohexane	98		97		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		99		70-130
Toluene-d8	105		104		70-130
4-Bromofluorobenzene	104		104		70-130
Dibromofluoromethane	93		94		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1998068-3 WG1998068-4								
Methylene chloride	92		84		70-130	9		30
1,1-Dichloroethane	107		106		70-130	1		30
Chloroform	100		101		70-130	1		30
Carbon tetrachloride	104		103		70-130	1		30
1,2-Dichloropropane	104		104		70-130	0		30
Dibromochloromethane	101		99		70-130	2		30
1,1,2-Trichloroethane	103		102		70-130	1		30
Tetrachloroethene	106		102		70-130	4		30
Chlorobenzene	102		100		70-130	2		30
Trichlorofluoromethane	120		118		70-139	2		30
1,2-Dichloroethane	101		101		70-130	0		30
1,1,1-Trichloroethane	105		104		70-130	1		30
Bromodichloromethane	100		100		70-130	0		30
trans-1,3-Dichloropropene	110		108		70-130	2		30
cis-1,3-Dichloropropene	107		108		70-130	1		30
Bromoform	102		101		70-130	1		30
1,1,2,2-Tetrachloroethane	107		106		70-130	1		30
Benzene	103		102		70-130	1		30
Toluene	105		101		70-130	4		30
Ethylbenzene	107		105		70-130	2		30
Chloromethane	122		120		52-130	2		30
Bromomethane	123		123		57-147	0		30
Vinyl chloride	120		119		67-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1998068-3 WG1998068-4								
Chloroethane	132		130		50-151	2		30
1,1-Dichloroethene	106		107		65-135	1		30
trans-1,2-Dichloroethene	100		102		70-130	2		30
Trichloroethene	104		105		70-130	1		30
1,2-Dichlorobenzene	102		102		70-130	0		30
1,3-Dichlorobenzene	106		104		70-130	2		30
1,4-Dichlorobenzene	102		101		70-130	1		30
Methyl tert butyl ether	102		104		66-130	2		30
p/m-Xylene	108		104		70-130	4		30
o-Xylene	104		101		70-130	3		30
cis-1,2-Dichloroethene	99		100		70-130	1		30
Styrene	106		103		70-130	3		30
Dichlorodifluoromethane	136		135		30-146	1		30
Acetone	104		102		54-140	2		30
Carbon disulfide	106		105		59-130	1		30
2-Butanone	108		106		70-130	2		30
4-Methyl-2-pentanone	99		96		70-130	3		30
2-Hexanone	106		104		70-130	2		30
Bromochloromethane	97		98		70-130	1		30
1,2-Dibromoethane	105		103		70-130	2		30
1,2-Dibromo-3-chloropropane	90		89		68-130	1		30
Isopropylbenzene	111		110		70-130	1		30
1,2,3-Trichlorobenzene	104		102		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1998068-3 WG1998068-4								
1,2,4-Trichlorobenzene	106		105		70-130	1		30
Methyl Acetate	101		102		51-146	1		30
Cyclohexane	115		115		59-142	0		30
1,4-Dioxane	71		69		65-136	3		30
Freon-113	112		112		50-139	0		30
Methyl cyclohexane	112		111		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		101		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	102		103		70-130
Dibromofluoromethane	97		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,10-11 Batch: WG1998121-3 WG1998121-4								
Methylene chloride	103		99		70-130	4		30
1,1-Dichloroethane	80		78		70-130	3		30
Chloroform	108		106		70-130	2		30
Carbon tetrachloride	104		101		70-130	3		30
1,2-Dichloropropane	81		80		70-130	1		30
Dibromochloromethane	96		95		70-130	1		30
1,1,2-Trichloroethane	104		103		70-130	1		30
Tetrachloroethene	113		108		70-130	5		30
Chlorobenzene	106		101		70-130	5		30
Trichlorofluoromethane	112		109		70-139	3		30
1,2-Dichloroethane	93		93		70-130	0		30
1,1,1-Trichloroethane	110		105		70-130	5		30
Bromodichloromethane	103		100		70-130	3		30
trans-1,3-Dichloropropene	110		109		70-130	1		30
cis-1,3-Dichloropropene	106		103		70-130	3		30
Bromoform	103		103		70-130	0		30
1,1,2,2-Tetrachloroethane	93		89		70-130	4		30
Benzene	102		100		70-130	2		30
Toluene	108		104		70-130	4		30
Ethylbenzene	114		109		70-130	4		30
Chloromethane	**48**	Q	**46**	Q	52-130	4		30
Bromomethane	118		113		57-147	4		30
Vinyl chloride	74		72		67-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,10-11 Batch: WG1998121-3 WG1998121-4								
Chloroethane	83		80		50-151	4		30
1,1-Dichloroethene	97		94		65-135	3		30
trans-1,2-Dichloroethene	105		103		70-130	2		30
Trichloroethene	109		108		70-130	1		30
1,2-Dichlorobenzene	106		101		70-130	5		30
1,3-Dichlorobenzene	105		100		70-130	5		30
1,4-Dichlorobenzene	104		100		70-130	4		30
Methyl tert butyl ether	95		93		66-130	2		30
p/m-Xylene	108		103		70-130	5		30
o-Xylene	107		102		70-130	5		30
cis-1,2-Dichloroethene	99		98		70-130	1		30
Styrene	108		105		70-130	3		30
Dichlorodifluoromethane	101		94		30-146	7		30
Acetone	87		84		54-140	4		30
Carbon disulfide	99		93		59-130	6		30
2-Butanone	82		75		70-130	9		30
4-Methyl-2-pentanone	**66**	Q	**64**	Q	70-130	3		30
2-Hexanone	**64**	Q	**63**	Q	70-130	2		30
Bromochloromethane	94		91		70-130	3		30
1,2-Dibromoethane	103		102		70-130	1		30
1,2-Dibromo-3-chloropropane	95		91		68-130	4		30
Isopropylbenzene	106		101		70-130	5		30
1,2,3-Trichlorobenzene	124		115		70-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,10-11 Batch: WG1998121-3 WG1998121-4								
1,2,4-Trichlorobenzene	124		116		70-130	7		30
Methyl Acetate	**45**	Q	**44**	Q	51-146	2		30
Cyclohexane	66		62		59-142	6		30
1,4-Dioxane	**211**	Q	**204**	Q	65-136	3		30
Freon-113	102		96		50-139	6		30
Methyl cyclohexane	106		100		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		100		70-130
Toluene-d8	103		104		70-130
4-Bromofluorobenzene	102		100		70-130
Dibromofluoromethane	97		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07,11 Batch: WG1998141-3 WG1998141-4								
Methylene chloride	74		74		70-130	0		30
1,1-Dichloroethane	111		117		70-130	5		30
Chloroform	102		100		70-130	2		30
Carbon tetrachloride	104		100		70-130	4		30
1,2-Dichloropropane	122		124		70-130	2		30
Dibromochloromethane	100		101		70-130	1		30
1,1,2-Trichloroethane	95		99		70-130	4		30
Tetrachloroethene	106		98		70-130	8		30
Chlorobenzene	98		95		70-130	3		30
Trichlorofluoromethane	85		80		70-139	6		30
1,2-Dichloroethane	120		127		70-130	6		30
1,1,1-Trichloroethane	104		100		70-130	4		30
Bromodichloromethane	108		109		70-130	1		30
trans-1,3-Dichloropropene	102		103		70-130	1		30
cis-1,3-Dichloropropene	106		108		70-130	2		30
Bromoform	83		90		70-130	8		30
1,1,2,2-Tetrachloroethane	96		107		70-130	11		30
Benzene	102		100		70-130	2		30
Toluene	98		93		70-130	5		30
Ethylbenzene	105		98		70-130	7		30
Chloromethane	**144**	Q	**137**	Q	52-130	5		30
Bromomethane	62		59		57-147	5		30
Vinyl chloride	116		106		67-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07,11 Batch: WG1998141-3 WG1998141-4								
Chloroethane	94		89		50-151	5		30
1,1-Dichloroethene	81		74		65-135	9		30
trans-1,2-Dichloroethene	78		74		70-130	5		30
Trichloroethene	98		96		70-130	2		30
1,2-Dichlorobenzene	97		98		70-130	1		30
1,3-Dichlorobenzene	96		95		70-130	1		30
1,4-Dichlorobenzene	95		95		70-130	0		30
Methyl tert butyl ether	70		75		66-130	7		30
p/m-Xylene	103		97		70-130	6		30
o-Xylene	102		97		70-130	5		30
cis-1,2-Dichloroethene	94		92		70-130	2		30
Styrene	104		102		70-130	2		30
Dichlorodifluoromethane	98		92		30-146	6		30
Acetone	123		133		54-140	8		30
Carbon disulfide	83		77		59-130	8		30
2-Butanone	128		**132**	Q	70-130	3		30
4-Methyl-2-pentanone	99		109		70-130	10		30
2-Hexanone	112		121		70-130	8		30
Bromochloromethane	93		95		70-130	2		30
1,2-Dibromoethane	104		108		70-130	4		30
1,2-Dibromo-3-chloropropane	77		82		68-130	6		30
Isopropylbenzene	96		93		70-130	3		30
1,2,3-Trichlorobenzene	100		106		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07,11 Batch: WG1998141-3 WG1998141-4								
1,2,4-Trichlorobenzene	102		105		70-130	3		30
Methyl Acetate	80		92		51-146	14		30
Cyclohexane	134		123		59-142	9		30
1,4-Dioxane	67		78		65-136	15		30
Freon-113	84		80		50-139	5		30
Methyl cyclohexane	99		94		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	120		126		70-130
Toluene-d8	98		96		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	98		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1998146-3 WG1998146-4								
Methylene chloride	105		90		70-130	15		30
1,1-Dichloroethane	104		95		70-130	9		30
Chloroform	97		86		70-130	12		30
Carbon tetrachloride	90		89		70-130	1		30
1,2-Dichloropropane	109		94		70-130	15		30
Dibromochloromethane	117		98		70-130	18		30
1,1,2-Trichloroethane	115		96		70-130	18		30
Tetrachloroethene	117		113		70-130	3		30
Chlorobenzene	114		100		70-130	13		30
Trichlorofluoromethane	**62**	Q	**64**	Q	70-139	3		30
1,2-Dichloroethane	94		80		70-130	16		30
1,1,1-Trichloroethane	94		90		70-130	4		30
Bromodichloromethane	98		84		70-130	15		30
trans-1,3-Dichloropropene	108		93		70-130	15		30
cis-1,3-Dichloropropene	105		91		70-130	14		30
Bromoform	108		90		70-130	18		30
1,1,2,2-Tetrachloroethane	116		96		70-130	19		30
Benzene	103		93		70-130	10		30
Toluene	95		86		70-130	10		30
Ethylbenzene	106		96		70-130	10		30
Chloromethane	101		98		52-130	3		30
Bromomethane	76		71		57-147	7		30
Vinyl chloride	87		89		67-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1998146-3 WG1998146-4								
Chloroethane	70		68		50-151	3		30
1,1-Dichloroethene	**63**	Q	**63**	Q	65-135	0		30
trans-1,2-Dichloroethene	104		98		70-130	6		30
Trichloroethene	101		96		70-130	5		30
1,2-Dichlorobenzene	116		100		70-130	15		30
1,3-Dichlorobenzene	114		100		70-130	13		30
1,4-Dichlorobenzene	113		98		70-130	14		30
Methyl tert butyl ether	85		71		66-130	18		30
p/m-Xylene	111		101		70-130	9		30
o-Xylene	109		97		70-130	12		30
cis-1,2-Dichloroethene	104		92		70-130	12		30
Styrene	111		97		70-130	13		30
Dichlorodifluoromethane	96		99		30-146	3		30
Acetone	88		54		54-140	**48**	Q	30
Carbon disulfide	60		61		59-130	2		30
2-Butanone	86		**62**	Q	70-130	**32**	Q	30
4-Methyl-2-pentanone	103		90		70-130	13		30
2-Hexanone	85		99		70-130	15		30
Bromochloromethane	112		94		70-130	17		30
1,2-Dibromoethane	123		101		70-130	20		30
1,2-Dibromo-3-chloropropane	108		93		68-130	15		30
Isopropylbenzene	108		100		70-130	8		30
1,2,3-Trichlorobenzene	121		104		70-130	15		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1998146-3 WG1998146-4								
1,2,4-Trichlorobenzene	121		107		70-130	12		30
Methyl Acetate	95		83		51-146	13		30
Cyclohexane	106		107		59-142	1		30
1,4-Dioxane	96		79		65-136	19		30
Freon-113	62		64		50-139	3		30
Methyl cyclohexane	98		99		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	84		89		70-130
Toluene-d8	103		103		70-130
4-Bromofluorobenzene	96		97		70-130
Dibromofluoromethane	91		91		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07,11 QC Batch ID: WG1998141-6 WG1998141-7 QC Sample: L2466625-01 Client ID: T4B1												
Methylene chloride	ND	105	82	78		75	74		70-130	9		30
1,1-Dichloroethane	ND	105	140	**134**	Q	120	117		70-130	17		30
Chloroform	ND	105	120	115		110	104		70-130	14		30
Carbon tetrachloride	ND	105	150	**144**	Q	120	114		70-130	26		30
1,2-Dichloropropane	ND	105	140	**133**	Q	130	124		70-130	11		30
Dibromochloromethane	ND	105	110	103		98	97		70-130	10		30
1,1,2-Trichloroethane	ND	105	110	104		97	95		70-130	12		30
Tetrachloroethene	ND	105	150	**140**	Q	110	110		70-130	28		30
Chlorobenzene	ND	105	110	108		95	94		70-130	18		30
Trichlorofluoromethane	ND	105	130	126		99	98		70-139	28		30
1,2-Dichloroethane	0.76J	105	130	126		120	120		70-130	8		30
1,1,1-Trichloroethane	ND	105	150	**143**	Q	120	114		70-130	26		30
Bromodichloromethane	ND	105	120	111		110	105		70-130	10		30
trans-1,3-Dichloropropene	ND	105	100	99		93	92		70-130	11		30
cis-1,3-Dichloropropene	ND	105	110	101		100	98		70-130	6		30
Bromoform	ND	105	95	90		90	89		70-130	5		30
1,1,2,2-Tetrachloroethane	ND	105	110	105		110	106		70-130	2		30
Benzene	ND	105	130	123		110	106		70-130	19		30
Toluene	ND	105	130	122		100	99		70-130	25		30
Ethylbenzene	ND	105	130	126		100	103		70-130	24		30
Chloromethane	ND	105	210	**200**	Q	170	**165**	Q	52-130	23		30
Bromomethane	ND	105	84	80		69	68		57-147	20		30
Vinyl chloride	ND	105	170	**163**	Q	130	130		67-130	26		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07,11 QC Batch ID: WG1998141-6 WG1998141-7 QC Sample: L2466625-01 Client ID: T4B1												
Chloroethane	ND	105	130	124		100	102		50-151	23		30
1,1-Dichloroethene	ND	105	120	110		90	89		65-135	25		30
trans-1,2-Dichloroethene	ND	105	100	98		85	84		70-130	19		30
Trichloroethene	ND	105	130	124		100	103		70-130	22		30
1,2-Dichlorobenzene	ND	105	98	94		87	86		70-130	12		30
1,3-Dichlorobenzene	ND	105	100	96		87	86		70-130	15		30
1,4-Dichlorobenzene	ND	105	98	93		83	82		70-130	16		30
Methyl tert butyl ether	ND	105	72	68		70	69		66-130	3		30
p/m-Xylene	ND	210	260	122		200	100		70-130	23		30
o-Xylene	ND	210	240	116		200	98		70-130	21		30
cis-1,2-Dichloroethene	ND	105	110	106		94	92		70-130	17		30
Styrene	ND	210	230	110		190	95		70-130	18		30
Dichlorodifluoromethane	ND	105	160	**147**	Q	120	114		30-146	29		30
Acetone	100	105	250	**145**	Q	240	140		54-140	4		30
Carbon disulfide	ND	105	120	111		91	89		59-130	26		30
2-Butanone	ND	105	160	**148**	Q	150	**148**	Q	70-130	4		30
4-Methyl-2-pentanone	ND	105	110	105		110	106		70-130	2		30
2-Hexanone	ND	105	140	128		120	120		70-130	10		30
Bromochloromethane	ND	105	100	97		93	92		70-130	9		30
1,2-Dibromoethane	ND	105	110	102		99	98		70-130	8		30
1,2-Dibromo-3-chloropropane	ND	105	80	76		83	82		68-130	4		30
Isopropylbenzene	ND	105	130	126		110	105		70-130	23		30
1,2,3-Trichlorobenzene	ND	105	73	70		68	**67**	Q	70-130	8		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04-05,07,11 QC Batch ID: WG1998141-6 WG1998141-7 QC Sample: L2466625-01 Client ID: T4B1												
1,2,4-Trichlorobenzene	ND	105	73	**69**	Q	67	**66**	Q	70-130	9		30
Methyl Acetate	ND	105	140	131		120	122		51-146	11		30
Cyclohexane	ND	105	200	**188**	Q	150	**147**	Q	59-142	28		30
1,4-Dioxane	ND	5260	3900	75		3700	74		65-136	5		30
Freon-113	ND	105	130	122		95	94		50-139	30		30
Methyl cyclohexane	ND	105	140	**137**	Q	110	106		70-130	29		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		121		70-130
4-Bromofluorobenzene	103		104		70-130
Dibromofluoromethane	91		97		70-130
Toluene-d8	101		97		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-01
Client ID: T4B1
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 12:40
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-01 Date Collected: 11/13/24 14:00

Client ID: T4B1 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-01
Client ID: T4B1
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	84		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-02
Client ID: T4B2
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 13:51
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-02 Date Collected: 11/13/24 14:10

Client ID: T4B2 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-02
Client ID: T4B2
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	73		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-03
Client ID: T4B3
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 14:15
Analyst: IM
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	70.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-03 Date Collected: 11/13/24 14:20

Client ID: T4B3 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	40.	1
3-Nitroaniline	ND		ug/kg	200	39.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	980	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-03
Client ID: T4B3
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	90		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04
Client ID: T4B4
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 14:04
Analyst: JG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	500		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	3300		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	95	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	1400		ug/kg	110	22.	1
Benzo(a)pyrene	1200		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04 Date Collected: 11/13/24 14:30

Client ID: T4B4 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1400		ug/kg	110	32.	1
Benzo(k)fluoranthene	490		ug/kg	110	31.	1
Chrysene	1200		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	990		ug/kg	110	37.	1
Benzo(ghi)perylene	640		ug/kg	150	22.	1
Fluorene	420		ug/kg	190	18.	1
Phenanthrene	3000		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	190		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	570		ug/kg	150	27.	1
Pyrene	2600		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	230		ug/kg	190	18.	1
2-Methylnaphthalene	70	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	160	J	ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	240		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04
Client ID: T4B4
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	77		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-05
Client ID: T4B5
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:40
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 14:10
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-05 Date Collected: 11/13/24 14:40

Client ID: T4B5 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-05
Client ID: T4B5
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:40
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	100		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-06
Client ID: T4B6
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:50
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 13:47
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	67.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-06 Date Collected: 11/13/24 14:50

Client ID: T4B6 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-06
Client ID: T4B6
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:50
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	73		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-07
Client ID: T4B7
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 14:40
Analyst: JG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	72	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	49	J	ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-07 Date Collected: 11/13/24 15:00

Client ID: T4B7 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	55	J	ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	46	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	34	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	47	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	28	J	ug/kg	160	28.	1
Pyrene	63	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-07
Client ID: T4B7
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	84		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-08
Client ID: SW1
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 14:57
Analyst: JG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-08 Date Collected: 11/13/24 15:10

Client ID: SW1 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-08
Client ID: SW1
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	84		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-09
Client ID: SW2
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 14:22
Analyst: JG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	49.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	88	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	37	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-09 Date Collected: 11/13/24 15:20

Client ID: SW2 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	34	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	33	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	52	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	69	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-09
Client ID: SW2
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	84		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-10
Client ID: SW3
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 14:34
Analyst: JG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-10 Date Collected: 11/13/24 15:30

Client ID: SW3 Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	450	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-10
Client ID: SW3
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	74		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-11
Client ID: BD
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 08:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/15/24 14:57
Analyst: JG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2466625

Project Number: Not Specified **Report Date:** 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-11 Date Collected: 11/13/24 08:00

Client ID: BD Date Received: 11/13/24

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-11
Client ID: BD
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 08:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	80		18-120

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/15/24 11:29
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1997779-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/15/24 11:29
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1997779-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/15/24 11:29
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/15/24 03:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-11 Batch: WG1997779-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	75		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1997779-2 WG1997779-3								
Acenaphthene	59		83		31-137	34		50
Hexachlorobenzene	56		80		40-140	35		50
Bis(2-chloroethyl)ether	52		81		40-140	44		50
2-Chloronaphthalene	58		81		40-140	33		50
3,3'-Dichlorobenzidine	50		71		40-140	35		50
2,4-Dinitrotoluene	66		91		40-132	32		50
2,6-Dinitrotoluene	65		90		40-140	32		50
Fluoranthene	61		86		40-140	34		50
4-Chlorophenyl phenyl ether	56		78		40-140	33		50
4-Bromophenyl phenyl ether	56		79		40-140	34		50
Bis(2-chloroisopropyl)ether	51		77		40-140	41		50
Bis(2-chloroethoxy)methane	61		91		40-117	39		50
Hexachlorobutadiene	43		63		40-140	38		50
Hexachlorocyclopentadiene	**38**	Q	50		40-140	27		50
Hexachloroethane	54		83		40-140	42		50
Isophorone	55		81		40-140	38		50
Naphthalene	56		81		40-140	36		50
Nitrobenzene	50		74		40-140	39		50
NDPA/DPA	60		85		36-157	34		50
n-Nitrosodi-n-propylamine	51		75		32-121	38		50
Bis(2-ethylhexyl)phthalate	76		112		40-140	38		50
Butyl benzyl phthalate	77		106		40-140	32		50
Di-n-butylphthalate	72		102		40-140	34		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1997779-2 WG1997779-3								
Di-n-octylphthalate	79		114		40-140	36		50
Diethyl phthalate	63		89		40-140	34		50
Dimethyl phthalate	60		84		40-140	33		50
Benzo(a)anthracene	59		85		40-140	36		50
Benzo(a)pyrene	64		94		40-140	38		50
Benzo(b)fluoranthene	60		87		40-140	37		50
Benzo(k)fluoranthene	60		87		40-140	37		50
Chrysene	57		86		40-140	41		50
Acenaphthylene	66		94		40-140	35		50
Anthracene	63		87		40-140	32		50
Benzo(ghi)perylene	61		91		40-140	39		50
Fluorene	61		84		40-140	32		50
Phenanthrene	62		86		40-140	32		50
Dibenzo(a,h)anthracene	59		88		40-140	39		50
Indeno(1,2,3-cd)pyrene	59		90		40-140	42		50
Pyrene	60		85		35-142	34		50
Biphenyl	60		85		37-127	34		50
4-Chloroaniline	**29**	Q	59		40-140	**68**	Q	50
2-Nitroaniline	76		106		47-134	33		50
3-Nitroaniline	57		80		26-129	34		50
4-Nitroaniline	70		98		41-125	33		50
Dibenzofuran	58		83		40-140	35		50
2-Methylnaphthalene	52		77		40-140	39		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1997779-2 WG1997779-3								
1,2,4,5-Tetrachlorobenzene	54		76		40-117	34		50
Acetophenone	64		93		14-144	37		50
2,4,6-Trichlorophenol	54		76		30-130	34		50
p-Chloro-m-cresol	64		90		26-103	34		50
2-Chlorophenol	62		93		25-102	40		50
2,4-Dichlorophenol	62		92		30-130	39		50
2,4-Dimethylphenol	71		102		30-130	36		50
2-Nitrophenol	64		97		30-130	41		50
4-Nitrophenol	68		96		11-114	34		50
2,4-Dinitrophenol	54		78		4-130	36		50
4,6-Dinitro-o-cresol	54		76		10-130	34		50
Pentachlorophenol	50		71		17-109	35		50
Phenol	60		85		26-90	34		50
2-Methylphenol	66		95		30-130.	36		50
3-Methylphenol/4-Methylphenol	66		95		30-130	36		50
2,4,5-Trichlorophenol	59		84		30-130	35		50
Carbazole	64		92		54-128	36		50
Atrazine	54		76		40-140	34		50
Benzaldehyde	58		94		40-140	47		50
Caprolactam	68		94		15-130	32		50
2,3,4,6-Tetrachlorophenol	59		86		40-140	37		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 Batch: WG1997779-2 WG1997779-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		79		25-120
Phenol-d6	62		84		10-120
Nitrobenzene-d5	50		71		23-120
2-Fluorobiphenyl	52		68		30-120
2,4,6-Tribromophenol	53		73		10-136
4-Terphenyl-d14	56		74		18-120

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1997779-4 WG1997779-5 QC Sample: L2466625-01 Client ID: T4B1												
Acenaphthene	ND	1560	1000	64		1400	89		31-137	33		50
Hexachlorobenzene	ND	1560	940	60		1300	83		40-140	32		50
Bis(2-chloroethyl)ether	ND	1560	840	54		1300	83		40-140	43		50
2-Chloronaphthalene	ND	1560	920	59		1300	83		40-140	34		50
3,3'-Dichlorobenzidine	ND	1560	890	57		1200	77		40-140	30		50
2,4-Dinitrotoluene	ND	1560	1100	70		1500	96		40-132	31		50
2,6-Dinitrotoluene	ND	1560	1000	64		1500	96		40-140	40		50
Fluoranthene	ND	1560	1000	64		1400	89		40-140	33		50
4-Chlorophenyl phenyl ether	ND	1560	940	60		1300	83		40-140	32		50
4-Bromophenyl phenyl ether	ND	1560	930	59		1300	83		40-140	33		50
Bis(2-chloroisopropyl)ether	ND	1560	820	52		1300	83		40-140	45		50
Bis(2-chloroethoxy)methane	ND	1560	1000	64		1500	96		40-117	40		50
Hexachlorobutadiene	ND	1560	700	45		1000	64		40-140	35		50
Hexachlorocyclopentadiene	ND	1560	600	**38**	Q	860	55		40-140	36		50
Hexachloroethane	ND	1560	860	55		1300	83		40-140	41		50
Isophorone	ND	1560	900	57		1300	83		40-140	36		50
Naphthalene	ND	1560	880	56		1400	89		40-140	46		50
Nitrobenzene	ND	1560	790	50		1200	77		40-140	41		50
NDPA/DPA	ND	1560	1000	64		1400	89		36-157	33		50
n-Nitrosodi-n-propylamine	ND	1560	840	54		1200	77		32-121	35		50
Bis(2-ethylhexyl)phthalate	ND	1560	1300	83		1900	120		40-140	38		50
Butyl benzyl phthalate	ND	1560	1300	83		1800	110		40-140	32		50
Di-n-butylphthalate	ND	1560	1200	77		1600	100		40-140	29		50

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1997779-4 WG1997779-5 QC Sample: L2466625-01 Client ID: T4B1												
Di-n-octylphthalate	ND	1560	1300	83		1900	120		40-140	38		50
Diethyl phthalate	ND	1560	1000	64		1500	96		40-140	40		50
Dimethyl phthalate	ND	1560	970	62		1300	83		40-140	29		50
Benzo(a)anthracene	ND	1560	1000	64		1400	89		40-140	33		50
Benzo(a)pyrene	ND	1560	1100	70		1500	96		40-140	31		50
Benzo(b)fluoranthene	ND	1560	1000	64		1500	96		40-140	40		50
Benzo(k)fluoranthene	ND	1560	1000	64		1500	96		40-140	40		50
Chrysene	ND	1560	1000	64		1400	89		40-140	33		50
Acenaphthylene	ND	1560	1100	70		1500	96		40-140	31		50
Anthracene	ND	1560	1100	70		1500	96		40-140	31		50
Benzo(ghi)perylene	ND	1560	1100	70		1500	96		40-140	31		50
Fluorene	ND	1560	1000	64		1400	89		40-140	33		50
Phenanthrene	ND	1560	1000	64		1400	89		40-140	33		50
Dibenzo(a,h)anthracene	ND	1560	1000	64		1500	96		40-140	40		50
Indeno(1,2,3-cd)pyrene	ND	1560	1000	64		1500	96		40-140	40		50
Pyrene	ND	1560	1000	64		1400	89		35-142	33		50
Biphenyl	ND	1560	970	62		1400	89		37-127	36		50
4-Chloroaniline	ND	1560	460	**29**	Q	630	40		40-140	31		50
2-Nitroaniline	ND	1560	1200	77		1700	110		47-134	34		50
3-Nitroaniline	ND	1560	1000	64		1400	89		26-129	33		50
4-Nitroaniline	ND	1560	1100	70		1600	100		41-125	37		50
Dibenzofuran	ND	1560	980	63		1400	89		40-140	35		50
2-Methylnaphthalene	ND	1560	870	56		1200	77		40-140	32		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1997779-4 WG1997779-5 QC Sample: L2466625-01 Client ID: T4B1												
1,2,4,5-Tetrachlorobenzene	ND	1560	880	56		1200	77		40-117	31		50
Acetophenone	ND	1560	1000	64		1500	96		14-144	40		50
2,4,6-Trichlorophenol	ND	1560	880	56		1300	83		30-130	39		50
p-Chloro-m-cresol	ND	1560	1100	70		1500	96		26-103	31		50
2-Chlorophenol	ND	1560	970	62		1600	100		25-102	49		50
2,4-Dichlorophenol	ND	1560	1000	64		1500	96		30-130	40		50
2,4-Dimethylphenol	ND	1560	1200	77		1800	110		30-130	40		50
2-Nitrophenol	ND	1560	1000	64		1600	100		30-130	46		50
4-Nitrophenol	ND	1560	1100	70		1500	96		11-114	31		50
2,4-Dinitrophenol	ND	1560	200J	13		330J	21		4-130	49		50
4,6-Dinitro-o-cresol	ND	1560	510	33		890	57		10-130	**54**	Q	50
Pentachlorophenol	ND	1560	770	49		1100	70		17-109	35		50
Phenol	ND	1560	920	59		1400	89		26-90	41		50
2-Methylphenol	ND	1560	1100	70		1600	100		30-130.	37		50
3-Methylphenol/4-Methylphenol	ND	1560	1100	70		1600	100		30-130	37		50
2,4,5-Trichlorophenol	ND	1560	1000	64		1400	89		30-130	33		50
Carbazole	ND	1560	1100	70		1500	96		54-128	31		50
Atrazine	ND	1560	900	57		1200	77		40-140	29		50
Benzaldehyde	ND	1560	930	59		1400	89		40-140	40		50
Caprolactam	ND	1560	980	63		1400	89		15-130	35		50
2,3,4,6-Tetrachlorophenol	ND	1560	1000	64		1400	89		40-140	33		50

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1997779-4 WG1997779-5 QC Sample: L2466625-01 Client ID: T4B1												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	57		78		10-136
2-Fluorobiphenyl	50		73		30-120
2-Fluorophenol	54		87		25-120
4-Terphenyl-d14	57		79		18-120
Nitrobenzene-d5	50		75		23-120
Phenol-d6	59		90		10-120

PCBS

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-01
Client ID: T4B1
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 12:45
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.7	5.04	1	A
Aroclor 1221	ND		ug/kg	56.7	5.68	1	A
Aroclor 1232	ND		ug/kg	56.7	12.0	1	A
Aroclor 1242	ND		ug/kg	56.7	7.65	1	A
Aroclor 1248	ND		ug/kg	56.7	8.51	1	A
Aroclor 1254	ND		ug/kg	56.7	6.21	1	A
Aroclor 1260	ND		ug/kg	56.7	10.5	1	A
Aroclor 1262	ND		ug/kg	56.7	7.20	1	A
Aroclor 1268	ND		ug/kg	56.7	5.88	1	A
PCBs, Total	ND		ug/kg	56.7	5.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-02
Client ID: T4B2
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 13:09
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.5	4.93	1	A
Aroclor 1221	ND		ug/kg	55.5	5.56	1	A
Aroclor 1232	ND		ug/kg	55.5	11.8	1	A
Aroclor 1242	ND		ug/kg	55.5	7.48	1	A
Aroclor 1248	ND		ug/kg	55.5	8.33	1	A
Aroclor 1254	ND		ug/kg	55.5	6.07	1	A
Aroclor 1260	ND		ug/kg	55.5	10.2	1	A
Aroclor 1262	ND		ug/kg	55.5	7.05	1	A
Aroclor 1268	ND		ug/kg	55.5	5.75	1	A
PCBs, Total	ND		ug/kg	55.5	4.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-03
Client ID: T4B3
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 13:17
Analyst: MEO
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	60.9	5.41	1	A
Aroclor 1221	ND		ug/kg	60.9	6.10	1	A
Aroclor 1232	ND		ug/kg	60.9	12.9	1	A
Aroclor 1242	ND		ug/kg	60.9	8.21	1	A
Aroclor 1248	ND		ug/kg	60.9	9.14	1	A
Aroclor 1254	ND		ug/kg	60.9	6.66	1	A
Aroclor 1260	ND		ug/kg	60.9	11.2	1	A
Aroclor 1262	ND		ug/kg	60.9	7.74	1	A
Aroclor 1268	ND		ug/kg	60.9	6.31	1	A
PCBs, Total	ND		ug/kg	60.9	5.41	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04
Client ID: T4B4
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 13:24
Analyst: MEO
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.8	4.87	1	A
Aroclor 1221	ND		ug/kg	54.8	5.49	1	A
Aroclor 1232	ND		ug/kg	54.8	11.6	1	A
Aroclor 1242	ND		ug/kg	54.8	7.39	1	A
Aroclor 1248	ND		ug/kg	54.8	8.22	1	A
Aroclor 1254	ND		ug/kg	54.8	6.00	1	A
Aroclor 1260	ND		ug/kg	54.8	10.1	1	A
Aroclor 1262	ND		ug/kg	54.8	6.96	1	A
Aroclor 1268	ND		ug/kg	54.8	5.68	1	A
PCBs, Total	ND		ug/kg	54.8	4.87	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-05
Client ID: T4B5
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:40
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 13:32
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.7	4.95	1	A
Aroclor 1221	ND		ug/kg	55.7	5.58	1	A
Aroclor 1232	ND		ug/kg	55.7	11.8	1	A
Aroclor 1242	ND		ug/kg	55.7	7.51	1	A
Aroclor 1248	ND		ug/kg	55.7	8.36	1	A
Aroclor 1254	ND		ug/kg	55.7	6.10	1	A
Aroclor 1260	ND		ug/kg	55.7	10.3	1	A
Aroclor 1262	ND		ug/kg	55.7	7.08	1	A
Aroclor 1268	ND		ug/kg	55.7	5.77	1	A
PCBs, Total	ND		ug/kg	55.7	4.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-06
Client ID: T4B6
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:50
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 13:40
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.6	5.21	1	A
Aroclor 1221	ND		ug/kg	58.6	5.88	1	A
Aroclor 1232	ND		ug/kg	58.6	12.4	1	A
Aroclor 1242	ND		ug/kg	58.6	7.91	1	A
Aroclor 1248	ND		ug/kg	58.6	8.80	1	A
Aroclor 1254	ND		ug/kg	58.6	6.42	1	A
Aroclor 1260	ND		ug/kg	58.6	10.8	1	A
Aroclor 1262	ND		ug/kg	58.6	7.45	1	A
Aroclor 1268	ND		ug/kg	58.6	6.08	1	A
PCBs, Total	ND		ug/kg	58.6	5.21	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-07
Client ID: T4B7
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 13:48
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.8	5.04	1	A
Aroclor 1221	ND		ug/kg	56.8	5.69	1	A
Aroclor 1232	ND		ug/kg	56.8	12.0	1	A
Aroclor 1242	ND		ug/kg	56.8	7.66	1	A
Aroclor 1248	ND		ug/kg	56.8	8.52	1	A
Aroclor 1254	ND		ug/kg	56.8	6.21	1	A
Aroclor 1260	ND		ug/kg	56.8	10.5	1	A
Aroclor 1262	ND		ug/kg	56.8	7.21	1	A
Aroclor 1268	ND		ug/kg	56.8	5.88	1	A
PCBs, Total	ND		ug/kg	56.8	5.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-08
Client ID: SW1
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 13:56
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.7	4.68	1	A
Aroclor 1221	ND		ug/kg	52.7	5.28	1	A
Aroclor 1232	ND		ug/kg	52.7	11.2	1	A
Aroclor 1242	ND		ug/kg	52.7	7.10	1	A
Aroclor 1248	ND		ug/kg	52.7	7.90	1	A
Aroclor 1254	ND		ug/kg	52.7	5.76	1	A
Aroclor 1260	ND		ug/kg	52.7	9.74	1	A
Aroclor 1262	ND		ug/kg	52.7	6.69	1	A
Aroclor 1268	ND		ug/kg	52.7	5.46	1	A
PCBs, Total	ND		ug/kg	52.7	4.68	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-09
Client ID: SW2
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 14:04
Analyst: MEO
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.3	4.64	1	A
Aroclor 1221	ND		ug/kg	52.3	5.24	1	A
Aroclor 1232	ND		ug/kg	52.3	11.1	1	A
Aroclor 1242	10.9	J	ug/kg	52.3	7.05	1	B
Aroclor 1248	ND		ug/kg	52.3	7.84	1	A
Aroclor 1254	ND		ug/kg	52.3	5.72	1	A
Aroclor 1260	ND		ug/kg	52.3	9.66	1	A
Aroclor 1262	ND		ug/kg	52.3	6.64	1	A
Aroclor 1268	ND		ug/kg	52.3	5.42	1	A
PCBs, Total	10.9	J	ug/kg	52.3	4.64	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-10
Client ID: SW3
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 14:12
Analyst: MEO
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.6	5.12	1	A
Aroclor 1221	ND		ug/kg	57.6	5.77	1	A
Aroclor 1232	ND		ug/kg	57.6	12.2	1	A
Aroclor 1242	ND		ug/kg	57.6	7.77	1	A
Aroclor 1248	ND		ug/kg	57.6	8.64	1	A
Aroclor 1254	ND		ug/kg	57.6	6.30	1	A
Aroclor 1260	ND		ug/kg	57.6	10.6	1	A
Aroclor 1262	ND		ug/kg	57.6	7.32	1	A
Aroclor 1268	ND		ug/kg	57.6	5.97	1	A
PCBs, Total	ND		ug/kg	57.6	5.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-11
Client ID: BD
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 08:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 11/15/24 14:20
Analyst: MEO
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 11/15/24 04:23
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.1	5.07	1	A
Aroclor 1221	ND		ug/kg	57.1	5.72	1	A
Aroclor 1232	ND		ug/kg	57.1	12.1	1	A
Aroclor 1242	ND		ug/kg	57.1	7.70	1	A
Aroclor 1248	ND		ug/kg	57.1	8.57	1	A
Aroclor 1254	ND		ug/kg	57.1	6.25	1	A
Aroclor 1260	ND		ug/kg	57.1	10.6	1	A
Aroclor 1262	ND		ug/kg	57.1	7.26	1	A
Aroclor 1268	ND		ug/kg	57.1	5.92	1	A
PCBs, Total	ND		ug/kg	57.1	5.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 11/15/24 07:41
Analyst: MHG

Extraction Method: EPA 3546
Extraction Date: 11/14/24 18:38
Cleanup Method: EPA 3665A
Cleanup Date: 11/15/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/15/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-11 Batch: WG1997681-1						
Aroclor 1016	ND		ug/kg	45.5	4.04	A
Aroclor 1221	ND		ug/kg	45.5	4.56	A
Aroclor 1232	ND		ug/kg	45.5	9.64	A
Aroclor 1242	ND		ug/kg	45.5	6.13	A
Aroclor 1248	ND		ug/kg	45.5	6.82	A
Aroclor 1254	ND		ug/kg	45.5	4.98	A
Aroclor 1260	ND		ug/kg	45.5	8.41	A
Aroclor 1262	ND		ug/kg	45.5	5.78	A
Aroclor 1268	ND		ug/kg	45.5	4.71	A
PCBs, Total	ND		ug/kg	45.5	4.04	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	97		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-11 Batch: WG1997681-2 WG1997681-3									
Aroclor 1016	68		67		40-140	1		50	A
Aroclor 1260	73		69		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		74		30-150	A
Decachlorobiphenyl	98		93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		80		30-150	B
Decachlorobiphenyl	89		87		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1997681-4 WG1997681-5 QC Sample: L2466625-01 Client ID: T4B1													
Aroclor 1016	ND	351	223	64		220	64		40-140	1		50	A
Aroclor 1260	ND	351	237	68		228	66		40-140	4		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		73		30-150	A
Decachlorobiphenyl	82		90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		79		30-150	B
Decachlorobiphenyl	76		83		30-150	B

METALS

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-01
Client ID: T4B1
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.64		mg/kg	0.889	0.185	2	11/15/24 08:40	11/15/24 11:56	EPA 3050B	1,6010D	JMF
Barium, Total	58.0		mg/kg	0.889	0.155	2	11/15/24 08:40	11/15/24 11:56	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.889	0.087	2	11/15/24 08:40	11/15/24 11:56	EPA 3050B	1,6010D	JMF
Chromium, Total	10.4		mg/kg	0.889	0.085	2	11/15/24 08:40	11/15/24 11:56	EPA 3050B	1,6010D	JMF
Lead, Total	12.9		mg/kg	4.44	0.238	2	11/15/24 08:40	11/15/24 11:56	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.076	0.050	1	11/15/24 09:15	11/15/24 10:46	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.78	0.229	2	11/15/24 08:40	11/15/24 11:56	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.444	0.252	2	11/15/24 08:40	11/15/24 11:56	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-02
Client ID: T4B2
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.01		mg/kg	0.887	0.184	2	11/15/24 08:40	11/15/24 11:49	EPA 3050B	1,6010D	JMF
Barium, Total	48.2		mg/kg	0.887	0.154	2	11/15/24 08:40	11/15/24 11:49	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.887	0.087	2	11/15/24 08:40	11/15/24 11:49	EPA 3050B	1,6010D	JMF
Chromium, Total	8.78		mg/kg	0.887	0.085	2	11/15/24 08:40	11/15/24 11:49	EPA 3050B	1,6010D	JMF
Lead, Total	15.3		mg/kg	4.43	0.238	2	11/15/24 08:40	11/15/24 11:49	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.048	1	11/15/24 09:15	11/15/24 10:56	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.77	0.229	2	11/15/24 08:40	11/15/24 11:49	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.443	0.251	2	11/15/24 08:40	11/15/24 11:49	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-03
Client ID: T4B3
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.25		mg/kg	0.979	0.204	2	11/15/24 08:40	11/15/24 11:52	EPA 3050B	1,6010D	JMF
Barium, Total	77.0		mg/kg	0.979	0.170	2	11/15/24 08:40	11/15/24 11:52	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.979	0.096	2	11/15/24 08:40	11/15/24 11:52	EPA 3050B	1,6010D	JMF
Chromium, Total	14.1		mg/kg	0.979	0.094	2	11/15/24 08:40	11/15/24 11:52	EPA 3050B	1,6010D	JMF
Lead, Total	13.8		mg/kg	4.90	0.262	2	11/15/24 08:40	11/15/24 11:52	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.079	0.052	1	11/15/24 09:15	11/15/24 10:59	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.96	0.252	2	11/15/24 08:40	11/15/24 11:52	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.490	0.277	2	11/15/24 08:40	11/15/24 11:52	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04
Client ID: T4B4
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.01		mg/kg	0.875	0.182	2	11/15/24 08:40	11/15/24 12:31	EPA 3050B	1,6010D	JMF
Barium, Total	43.0		mg/kg	0.875	0.152	2	11/15/24 08:40	11/15/24 12:31	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.875	0.086	2	11/15/24 08:40	11/15/24 12:31	EPA 3050B	1,6010D	JMF
Chromium, Total	7.24		mg/kg	0.875	0.084	2	11/15/24 08:40	11/15/24 12:31	EPA 3050B	1,6010D	JMF
Lead, Total	12.1		mg/kg	4.38	0.234	2	11/15/24 08:40	11/15/24 12:31	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.073	0.047	1	11/15/24 09:15	11/15/24 11:03	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.75	0.226	2	11/15/24 08:40	11/15/24 12:31	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.438	0.248	2	11/15/24 08:40	11/15/24 12:31	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-05
Client ID: T4B5
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:40
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.04		mg/kg	0.910	0.189	2	11/15/24 08:40	11/15/24 12:34	EPA 3050B	1,6010D	JMF
Barium, Total	57.4		mg/kg	0.910	0.158	2	11/15/24 08:40	11/15/24 12:34	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.910	0.089	2	11/15/24 08:40	11/15/24 12:34	EPA 3050B	1,6010D	JMF
Chromium, Total	11.2		mg/kg	0.910	0.087	2	11/15/24 08:40	11/15/24 12:34	EPA 3050B	1,6010D	JMF
Lead, Total	14.3		mg/kg	4.55	0.244	2	11/15/24 08:40	11/15/24 12:34	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.075	0.049	1	11/15/24 09:15	11/15/24 11:06	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.82	0.235	2	11/15/24 08:40	11/15/24 12:34	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.455	0.258	2	11/15/24 08:40	11/15/24 12:34	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-06
Client ID: T4B6
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 14:50
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.50		mg/kg	0.886	0.184	2	11/15/24 08:40	11/15/24 12:38	EPA 3050B	1,6010D	JMF
Barium, Total	67.8		mg/kg	0.886	0.154	2	11/15/24 08:40	11/15/24 12:38	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.886	0.087	2	11/15/24 08:40	11/15/24 12:38	EPA 3050B	1,6010D	JMF
Chromium, Total	12.6		mg/kg	0.886	0.085	2	11/15/24 08:40	11/15/24 12:38	EPA 3050B	1,6010D	JMF
Lead, Total	13.9		mg/kg	4.43	0.237	2	11/15/24 08:40	11/15/24 12:38	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.076	0.049	1	11/15/24 09:15	11/15/24 11:09	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.77	0.228	2	11/15/24 08:40	11/15/24 12:38	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.443	0.251	2	11/15/24 08:40	11/15/24 12:38	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Lab Number: L2466625
Project Number: Not Specified
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-07
Client ID: T4B7
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.11		mg/kg	0.947	0.197	2	11/15/24 08:40	11/15/24 12:41	EPA 3050B	1,6010D	JMF
Barium, Total	84.1		mg/kg	0.947	0.165	2	11/15/24 08:40	11/15/24 12:41	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.947	0.093	2	11/15/24 08:40	11/15/24 12:41	EPA 3050B	1,6010D	JMF
Chromium, Total	12.9		mg/kg	0.947	0.091	2	11/15/24 08:40	11/15/24 12:41	EPA 3050B	1,6010D	JMF
Lead, Total	35.5		mg/kg	4.74	0.254	2	11/15/24 08:40	11/15/24 12:41	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.078	0.051	1	11/15/24 09:15	11/15/24 11:19	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.89	0.244	2	11/15/24 08:40	11/15/24 12:41	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.474	0.268	2	11/15/24 08:40	11/15/24 12:41	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-08
Client ID: SW1
Sample Location: BUFFALO, NY
Sample Depth:
Matrix: Soil
Percent Solids: 88%

Date Collected: 11/13/24 15:10
Date Received: 11/13/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.54		mg/kg	0.884	0.184	2	11/15/24 08:40	11/15/24 12:45	EPA 3050B	1,6010D	JMF
Barium, Total	51.7		mg/kg	0.884	0.154	2	11/15/24 08:40	11/15/24 12:45	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.884	0.087	2	11/15/24 08:40	11/15/24 12:45	EPA 3050B	1,6010D	JMF
Chromium, Total	9.23		mg/kg	0.884	0.085	2	11/15/24 08:40	11/15/24 12:45	EPA 3050B	1,6010D	JMF
Lead, Total	12.4		mg/kg	4.42	0.237	2	11/15/24 08:40	11/15/24 12:45	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.072	0.047	1	11/15/24 09:15	11/15/24 11:23	EPA 7471B	1,7471B	MJR
Selenium, Total	0.299	J	mg/kg	1.77	0.228	2	11/15/24 08:40	11/15/24 12:45	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.442	0.250	2	11/15/24 08:40	11/15/24 12:45	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-09
Client ID: SW2
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.80		mg/kg	0.860	0.179	2	11/15/24 08:40	11/15/24 12:48	EPA 3050B	1,6010D	JMF
Barium, Total	58.1		mg/kg	0.860	0.150	2	11/15/24 08:40	11/15/24 12:48	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.860	0.084	2	11/15/24 08:40	11/15/24 12:48	EPA 3050B	1,6010D	JMF
Chromium, Total	9.21		mg/kg	0.860	0.083	2	11/15/24 08:40	11/15/24 12:48	EPA 3050B	1,6010D	JMF
Lead, Total	11.9		mg/kg	4.30	0.230	2	11/15/24 08:40	11/15/24 12:48	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.073	0.047	1	11/15/24 09:15	11/15/24 11:26	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.72	0.222	2	11/15/24 08:40	11/15/24 12:48	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.430	0.243	2	11/15/24 08:40	11/15/24 12:48	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-10
Client ID: SW3
Sample Location: BUFFALO, NY
Date Collected: 11/13/24 15:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.36		mg/kg	0.911	0.189	2	11/15/24 08:40	11/15/24 12:51	EPA 3050B	1,6010D	JMF
Barium, Total	79.7		mg/kg	0.911	0.158	2	11/15/24 08:40	11/15/24 12:51	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.911	0.089	2	11/15/24 08:40	11/15/24 12:51	EPA 3050B	1,6010D	JMF
Chromium, Total	10.1		mg/kg	0.911	0.087	2	11/15/24 08:40	11/15/24 12:51	EPA 3050B	1,6010D	JMF
Lead, Total	16.7		mg/kg	4.55	0.244	2	11/15/24 08:40	11/15/24 12:51	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.075	0.049	1	11/15/24 09:15	11/15/24 11:29	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	1.82	0.235	2	11/15/24 08:40	11/15/24 12:51	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.455	0.258	2	11/15/24 08:40	11/15/24 12:51	EPA 3050B	1,6010D	JMF

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1997797-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	11/15/24 08:40	11/15/24 12:24	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	11/15/24 08:40	11/15/24 12:24	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	11/15/24 08:40	11/15/24 12:24	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	11/15/24 08:40	11/15/24 12:24	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	11/15/24 08:40	11/15/24 12:24	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	11/15/24 08:40	11/15/24 12:24	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	11/15/24 08:40	11/15/24 12:24	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1997798-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	11/15/24 09:15	11/15/24 10:40	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: Not Specified

Lab Number: L2466625

Report Date: 11/15/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1997797-2								
Arsenic, Total	97		-		80-120	-		
Barium, Total	102		-		80-120	-		
Cadmium, Total	102		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Lead, Total	98		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	104		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1997798-2								
Mercury, Total	100		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1997797-3 WG1997797-4 QC Sample: L2466625-01 Client ID: T4B1												
Arsenic, Total	2.64	10.9	13.1	96		13.1	97		75-125	0		20
Barium, Total	58.0	182	218	88		216	88		75-125	1		20
Cadmium, Total	ND	4.84	3.83	79		3.65	76		75-125	5		20
Chromium, Total	10.4	18.2	25.0	80		25.7	85		75-125	3		20
Lead, Total	12.9	48.4	55.3	88		56.5	91		75-125	2		20
Selenium, Total	ND	10.9	9.77	89		9.32	86		75-125	5		20
Silver, Total	ND	4.56	4.32	95		4.15	92		75-125	4		20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1997798-3 WG1997798-4 QC Sample: L2466625-01 Client ID: T4B1												
Mercury, Total	ND	1.52	1.52	100		1.62	107		80-120	6		20

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2466625
Report Date: 11/15/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1997797-6 QC Sample: L2466625-01 Client ID: T4B1						
Barium, Total	58.0	58.9	mg/kg	2		20

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-01
Client ID: T4B1
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-02
Client ID: T4B2
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-03
Client ID: T4B3
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.3		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-04
Client ID: T4B4
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-05
Client ID: T4B5
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:40
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-06
Client ID: T4B6
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 14:50
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-07
Client ID: T4B7
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.2		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-08
Client ID: SW1
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:10
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-09
Client ID: SW2
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:20
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-10
Client ID: SW3
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 15:30
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

SAMPLE RESULTS

Lab ID: L2466625-11
Client ID: BD
Sample Location: BUFFALO, NY

Date Collected: 11/13/24 08:00
Date Received: 11/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.1		%	0.100	NA	1	-	11/15/24 03:53	121,2540G	MAA

Lab Duplicate Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1997780-1 QC Sample: L2466625-01 Client ID: T4B1						
Solids, Total	84.5	84.4	%	0		20

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2466625-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-01A1	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-01A2	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-01B	Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-01B1	Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-01B2	Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-01C	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-01C1	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-01C2	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-01D	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-01D1	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-01D2	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-01X	Vial MeOH preserved split	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-01X1	Vial MeOH preserved split	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-01X2	Vial MeOH preserved split	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-01Y	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-01Y1	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-01Y2	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-01Z	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2466625-01Z1	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-01Z2	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-02B	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-02C	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-02D	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-02X	Vial MeOH preserved split	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-02Y	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-02Z	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-03A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-03B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-03C	Vial Large Septa unpreserved (4oz)	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-03D	Glass 250ml/8oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-03X	Vial MeOH preserved split	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-03Y	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-03Z	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-04A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2466625-04B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-04C	Vial Large Septa unpreserved (4oz)	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-04D	Glass 250ml/8oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-04X	Vial MeOH preserved split	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-04Y	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-04Z	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-05B	Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2466625-05C	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-05D	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-05X	Vial MeOH preserved split	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-05Y	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-05Z	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-06A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-06B	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-06C	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-06D	Glass 250ml/8oz unpreserved	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-06X	Vial MeOH preserved split	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-06Y	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-06Z	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-07A	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2466625-07B	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-07C	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-07D	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-07E	Vial Large Septa unpreserved (4oz)	A	NA		2.0	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-07X	Vial MeOH preserved split	A	NA		2.0	Y	Absent		NYTCL-8260-R2(14)
L2466625-07Y	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-07Z	Vial Water preserved split	A	NA		2.0	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-08A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-08B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-08C	Vial Large Septa unpreserved (4oz)	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-08D	Glass 250ml/8oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-08X	Vial MeOH preserved split	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-08Y	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2466625-08Z	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-09A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-09B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-09C	Vial Large Septa unpreserved (4oz)	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-09D	Glass 250ml/8oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-09X	Vial MeOH preserved split	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-09Y	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-09Z	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-10A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2466625-10B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-10C	Vial Large Septa unpreserved (4oz)	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-10D	Glass 250ml/8oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-10X	Vial MeOH preserved split	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-10Y	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-10Z	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-11A	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-11B	Glass 60mL/2oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-11C	Vial Large Septa unpreserved (4oz)	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-11D	Glass 250ml/8oz unpreserved	B	NA		2.5	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2466625-11X	Vial MeOH preserved split	B	NA		2.5	Y	Absent		NYTCL-8260-R2(14)
L2466625-11Y	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)
L2466625-11Z	Vial Water preserved split	B	NA		2.5	Y	Absent	15-NOV-24 07:03	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2466625
Project Number:	Not Specified	**Report Date:**	11/15/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2466625
Project Number:	Not Specified	**Report Date:**	11/15/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2466625
Project Number:	Not Specified	**Report Date:**	11/15/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified
Lab Number: L2466625
Report Date: 11/15/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine, 2,6-Dichlorophenol.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 11/15/24

ALPHA Job #: L2466625

Client Information
Client: RUVY
Address: 2558 HAMBURG TURNPIKE
Phone: 716 638 7931
Fax:
Email: [illegible]@[illegible]

Project Information
Project Name: 1681-1689 MAIN ST
Project Location: BUFFALO, NY
Project #: 1681-1689 MAIN ST
(Use Project name as Project #)
Project Manager: CARL JANISH
ALPHAQuote #:

Turn-Around Time
Standard ☐ Rush (only if pre approved) ☑
Due Date: 24 HOUR
# of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TOTAL PCBs	TCL VOCs	TCL SVOCs	RCRA METALS	Sample Specific Comments	Total Bottle
66625-01	T4B1	11/13/24	1400	SOIL	TSB	X	X	X	X		4
02	T4B2		1410								4
03	T4B3		1420								4
04	T4B4		1430								4
05	T4B5		1440								4
06	T4B6		1450								4
07	T4B7		1500							SVOC Sample in	5
08	SW1		1510							2 small Bottles	4
09	SW2		1520								4
10	SW3		1530								4

Container Type: A A A A
Preservative: A A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	11/13/24 1720	PACE	11/13/24 17:20
PACE	11/13/24 17:20	BUF SC	11/13/24 17:20
Russell B Bixby	11-14-24 15:59		
	0130		11/15/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 2 of 2

Date Rec'd in Lab: 11/15/24

ALPHA Job #: L2466625

Client Information
Client: ROLA
Address: 2558 HAMBURG TURNPIKE
Phone: 716 688 7931
Fax:
Email: tbrouth@rotarinc.com

Project Information
Project Name: 1681 - 1689 MAIN ST
Project Location: BUFFALO, NY
Project #
(Use Project name as Project #) ☐
Project Manager: CARL JANISH
ALPHAQuote #:

Turn-Around Time
Standard ☐
Rush (only if pre approved) ☑
Due Date: 24 HOUR
# of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS
TOTAL PCBs | TCL VOCs | TCL SVOCs | RCRA METALS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TOTAL PCBs	TCL VOCs	TCL SVOCs	RCRA METALS	Sample Specific Comments	Total Bottle
66625-01	MS	11/13/24	000	SOIL	TSB	X	X	X			
-01	MSD	↓	↓	↓	↓	↓	↓	↓			
-11	BD	↓	↓	↓	↓	↓	↓	↓		MAY ALSO BE "BLIND DUP"	

Container Type: A | A | A
Preservative: A | A | A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	11/13/24 1720	PACE	11/13/24 17:20
PACE	11/13/24 17:20	BUF SC	11/13/24 17:20
Russell B Bixby	11-14-24 15:59		
	0130		11/15/24 0130

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2468035
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Nate Munley
Phone:	(716) 856-0599
Project Name:	1681-1689 MAIN ST
Project Number:	8461
Report Date:	11/22/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 1681-1689 MAIN ST
Project Number: 8461

Lab Number: L2468035
Report Date: 11/22/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2468035-01	T4 B1R	SOIL	BUFFALO,NY	11/19/24 13:00	11/19/24
L2468035-02	T4 B2R	SOIL	BUFFALO,NY	11/19/24 13:15	11/19/24
L2468035-03	T4 B3R	SOIL	BUFFALO,NY	11/19/24 13:30	11/19/24
L2468035-04	T4 B4R	SOIL	BUFFALO,NY	11/19/24 13:45	11/19/24
L2468035-05	T4 B5R	SOIL	BUFFALO,NY	11/19/24 14:00	11/19/24
L2468035-06	T4 B6R	SOIL	BUFFALO,NY	11/19/24 14:15	11/19/24
L2468035-07	T4 B7R	SOIL	BUFFALO,NY	11/19/24 14:30	11/19/24

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2468035
Project Number:	8461	**Report Date:**	11/22/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2468035
Project Number:	8461	**Report Date:**	11/22/24

Case Narrative (continued)

Report Revision

November 22, 2024: The Client IDs were amended on L2468035-01 through -07.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2468035-01 through -07: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 11/22/24

ORGANICS

VOLATILES

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-01
Client ID: T4 B1R
Sample Location: BUFFALO,NY
Date Collected: 11/19/24 13:00
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/20/24 12:43
Analyst: AJK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.16	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	0.25	J	ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.93	0.50	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.13	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2468035

Project Number: 8461 **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-01 Date Collected: 11/19/24 13:00

Client ID: T4 B1R Date Received: 11/19/24

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	ND		ug/kg	9.3	4.5	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.93	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.25	1
Methyl Acetate	ND		ug/kg	3.7	0.88	1
Cyclohexane	ND		ug/kg	9.3	0.51	1
1,4-Dioxane	ND		ug/kg	74	33.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	101		70-130

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-02
Client ID: T4 B2R
Sample Location: BUFFALO,NY

Date Collected: 11/19/24 13:15
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/20/24 12:17
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3.9	1.8	1
1,1-Dichloroethane	ND		ug/kg	0.78	0.11	1
Chloroform	ND		ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.78	0.18	1
1,2-Dichloropropane	ND		ug/kg	0.78	0.10	1
Dibromochloromethane	ND		ug/kg	0.78	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	0.78	0.21	1
Tetrachloroethene	ND		ug/kg	0.39	0.15	1
Chlorobenzene	ND		ug/kg	0.39	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.1	0.54	1
1,2-Dichloroethane	0.39	J	ug/kg	0.78	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	0.39	0.13	1
Bromodichloromethane	ND		ug/kg	0.39	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.78	0.21	1
cis-1,3-Dichloropropene	ND		ug/kg	0.39	0.12	1
Bromoform	ND		ug/kg	3.1	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.39	0.13	1
Benzene	ND		ug/kg	0.39	0.13	1
Toluene	ND		ug/kg	0.78	0.42	1
Ethylbenzene	ND		ug/kg	0.78	0.11	1
Chloromethane	ND		ug/kg	3.1	0.72	1
Bromomethane	ND		ug/kg	1.6	0.45	1
Vinyl chloride	ND		ug/kg	0.78	0.26	1
Chloroethane	ND		ug/kg	1.6	0.35	1
1,1-Dichloroethene	ND		ug/kg	0.78	0.18	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.39	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.11	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2468035

Project Number: 8461 **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-02 Date Collected: 11/19/24 13:15

Client ID: T4 B2R Date Received: 11/19/24

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	ND		ug/kg	1.6	0.44	1
o-Xylene	ND		ug/kg	0.78	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	0.78	0.14	1
Styrene	ND		ug/kg	0.78	0.15	1
Dichlorodifluoromethane	ND		ug/kg	7.8	0.71	1
Acetone	ND		ug/kg	7.8	3.7	1
Carbon disulfide	ND		ug/kg	7.8	3.5	1
2-Butanone	ND		ug/kg	7.8	1.7	1
4-Methyl-2-pentanone	ND		ug/kg	7.8	1.0	1
2-Hexanone	ND		ug/kg	7.8	0.92	1
Bromochloromethane	ND		ug/kg	1.6	0.16	1
1,2-Dibromoethane	ND		ug/kg	0.78	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.3	0.78	1
Isopropylbenzene	ND		ug/kg	0.78	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.25	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.21	1
Methyl Acetate	ND		ug/kg	3.1	0.74	1
Cyclohexane	ND		ug/kg	7.8	0.42	1
1,4-Dioxane	ND		ug/kg	62	27.	1
Freon-113	ND		ug/kg	3.1	0.54	1
Methyl cyclohexane	ND		ug/kg	3.1	0.47	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	101		70-130

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-03
Client ID: T4 B3R
Sample Location: BUFFALO,NY
Date Collected: 11/19/24 13:30
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/20/24 11:51
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.64	1
1,2-Dichloroethane	0.82	J	ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.91	0.50	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.91	0.31	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1
Trichloroethene	ND		ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2468035

Project Number: 8461 **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-03 Date Collected: 11/19/24 13:30

Client ID: T4 B3R Date Received: 11/19/24

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.16	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.84	1
Acetone	ND		ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.2	1
2-Butanone	ND		ug/kg	9.1	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
Methyl Acetate	ND		ug/kg	3.6	0.87	1
Cyclohexane	ND		ug/kg	9.1	0.50	1
1,4-Dioxane	ND		ug/kg	73	32.	1
Freon-113	ND		ug/kg	3.6	0.63	1
Methyl cyclohexane	ND		ug/kg	3.6	0.55	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	99		70-130

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-04
Client ID: T4 B4R
Sample Location: BUFFALO,NY

Date Collected: 11/19/24 13:45
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/20/24 11:25
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3.7	1.7	1
1,1-Dichloroethane	ND		ug/kg	0.75	0.11	1
Chloroform	ND		ug/kg	1.1	0.10	1
Carbon tetrachloride	ND		ug/kg	0.75	0.17	1
1,2-Dichloropropane	ND		ug/kg	0.75	0.09	1
Dibromochloromethane	ND		ug/kg	0.75	0.10	1
1,1,2-Trichloroethane	ND		ug/kg	0.75	0.20	1
Tetrachloroethene	ND		ug/kg	0.37	0.15	1
Chlorobenzene	ND		ug/kg	0.37	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.0	0.52	1
1,2-Dichloroethane	ND		ug/kg	0.75	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	0.37	0.12	1
Bromodichloromethane	ND		ug/kg	0.37	0.08	1
trans-1,3-Dichloropropene	ND		ug/kg	0.75	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	0.37	0.12	1
Bromoform	ND		ug/kg	3.0	0.18	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.37	0.12	1
Benzene	1.2		ug/kg	0.37	0.12	1
Toluene	ND		ug/kg	0.75	0.41	1
Ethylbenzene	ND		ug/kg	0.75	0.10	1
Chloromethane	ND		ug/kg	3.0	0.70	1
Bromomethane	ND		ug/kg	1.5	0.44	1
Vinyl chloride	ND		ug/kg	0.75	0.25	1
Chloroethane	ND		ug/kg	1.5	0.34	1
1,1-Dichloroethene	ND		ug/kg	0.75	0.18	1
trans-1,2-Dichloroethene	ND		ug/kg	1.1	0.10	1
Trichloroethene	ND		ug/kg	0.37	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	1.5	0.11	1

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-04
Client ID: T4 B4R
Sample Location: BUFFALO,NY
Date Collected: 11/19/24 13:45
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.5	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	1.5	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.5	0.15	1
p/m-Xylene	ND		ug/kg	1.5	0.42	1
o-Xylene	ND		ug/kg	0.75	0.22	1
cis-1,2-Dichloroethene	0.13	J	ug/kg	0.75	0.13	1
Styrene	ND		ug/kg	0.75	0.15	1
Dichlorodifluoromethane	ND		ug/kg	7.5	0.68	1
Acetone	4.2	J	ug/kg	7.5	3.6	1
Carbon disulfide	ND		ug/kg	7.5	3.4	1
2-Butanone	ND		ug/kg	7.5	1.7	1
4-Methyl-2-pentanone	ND		ug/kg	7.5	0.96	1
2-Hexanone	ND		ug/kg	7.5	0.88	1
Bromochloromethane	ND		ug/kg	1.5	0.15	1
1,2-Dibromoethane	ND		ug/kg	0.75	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.2	0.75	1
Isopropylbenzene	ND		ug/kg	0.75	0.08	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.5	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.5	0.20	1
Methyl Acetate	ND		ug/kg	3.0	0.71	1
Cyclohexane	ND		ug/kg	7.5	0.41	1
1,4-Dioxane	ND		ug/kg	60	26.	1
Freon-113	ND		ug/kg	3.0	0.52	1
Methyl cyclohexane	ND		ug/kg	3.0	0.45	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	98		70-130

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-05
Client ID: T4 B5R
Sample Location: BUFFALO,NY

Date Collected: 11/19/24 14:00
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/20/24 10:59
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.50	0.19	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.16	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2468035

Project Number: 8461 **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-05 Date Collected: 11/19/24 14:00

Client ID: T4 B5R Date Received: 11/19/24

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.91	1
Acetone	ND		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
Methyl Acetate	ND		ug/kg	4.0	0.94	1
Cyclohexane	ND		ug/kg	9.9	0.54	1
1,4-Dioxane	ND		ug/kg	79	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	101		70-130

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-06
Client ID: T4 B6R
Sample Location: BUFFALO,NY
Date Collected: 11/19/24 14:15
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/20/24 13:09
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	3.7	1.7	1
1,1-Dichloroethane	ND		ug/kg	0.75	0.11	1
Chloroform	ND		ug/kg	1.1	0.10	1
Carbon tetrachloride	ND		ug/kg	0.75	0.17	1
1,2-Dichloropropane	ND		ug/kg	0.75	0.09	1
Dibromochloromethane	ND		ug/kg	0.75	0.10	1
1,1,2-Trichloroethane	ND		ug/kg	0.75	0.20	1
Tetrachloroethene	ND		ug/kg	0.37	0.15	1
Chlorobenzene	ND		ug/kg	0.37	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.0	0.52	1
1,2-Dichloroethane	ND		ug/kg	0.75	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	0.37	0.12	1
Bromodichloromethane	ND		ug/kg	0.37	0.08	1
trans-1,3-Dichloropropene	ND		ug/kg	0.75	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	0.37	0.12	1
Bromoform	ND		ug/kg	3.0	0.18	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.37	0.12	1
Benzene	ND		ug/kg	0.37	0.12	1
Toluene	ND		ug/kg	0.75	0.41	1
Ethylbenzene	ND		ug/kg	0.75	0.10	1
Chloromethane	ND		ug/kg	3.0	0.70	1
Bromomethane	ND		ug/kg	1.5	0.43	1
Vinyl chloride	ND		ug/kg	0.75	0.25	1
Chloroethane	ND		ug/kg	1.5	0.34	1
1,1-Dichloroethene	ND		ug/kg	0.75	0.18	1
trans-1,2-Dichloroethene	ND		ug/kg	1.1	0.10	1
Trichloroethene	ND		ug/kg	0.37	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	1.5	0.11	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2468035

Project Number: 8461 **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-06 Date Collected: 11/19/24 14:15

Client ID: T4 B6R Date Received: 11/19/24

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.5	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	1.5	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.5	0.15	1
p/m-Xylene	ND		ug/kg	1.5	0.42	1
o-Xylene	ND		ug/kg	0.75	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	0.75	0.13	1
Styrene	ND		ug/kg	0.75	0.15	1
Dichlorodifluoromethane	ND		ug/kg	7.5	0.68	1
Acetone	ND		ug/kg	7.5	3.6	1
Carbon disulfide	ND		ug/kg	7.5	3.4	1
2-Butanone	ND		ug/kg	7.5	1.7	1
4-Methyl-2-pentanone	ND		ug/kg	7.5	0.96	1
2-Hexanone	ND		ug/kg	7.5	0.88	1
Bromochloromethane	ND		ug/kg	1.5	0.15	1
1,2-Dibromoethane	ND		ug/kg	0.75	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.2	0.75	1
Isopropylbenzene	ND		ug/kg	0.75	0.08	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.5	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.5	0.20	1
Methyl Acetate	ND		ug/kg	3.0	0.71	1
Cyclohexane	ND		ug/kg	7.5	0.41	1
1,4-Dioxane	ND		ug/kg	60	26.	1
Freon-113	ND		ug/kg	3.0	0.52	1
Methyl cyclohexane	ND		ug/kg	3.0	0.45	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	105		70-130

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-07
Client ID: T4 B7R
Sample Location: BUFFALO,NY
Date Collected: 11/19/24 14:30
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 11/20/24 13:35
Analyst: AJK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	4.1	1.9	1
1,1-Dichloroethane	0.53	J	ug/kg	0.82	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.82	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.82	0.10	1
Dibromochloromethane	ND		ug/kg	0.82	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.82	0.22	1
Tetrachloroethene	ND		ug/kg	0.41	0.16	1
Chlorobenzene	ND		ug/kg	0.41	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.57	1
1,2-Dichloroethane	ND		ug/kg	0.82	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.41	0.14	1
Bromodichloromethane	ND		ug/kg	0.41	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.82	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.41	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.41	0.14	1
Benzene	17		ug/kg	0.41	0.14	1
Toluene	0.53	J	ug/kg	0.82	0.45	1
Ethylbenzene	6.2		ug/kg	0.82	0.12	1
Chloromethane	ND		ug/kg	3.3	0.76	1
Bromomethane	ND		ug/kg	1.6	0.48	1
Vinyl chloride	ND		ug/kg	0.82	0.28	1
Chloroethane	ND		ug/kg	1.6	0.37	1
1,1-Dichloroethene	ND		ug/kg	0.82	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	0.43		ug/kg	0.41	0.11	1
1,2-Dichlorobenzene	0.13	J	ug/kg	1.6	0.12	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2468035

Project Number: 8461 **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-07 Date Collected: 11/19/24 14:30

Client ID: T4 B7R Date Received: 11/19/24

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	18		ug/kg	1.6	0.46	1
o-Xylene	2.4		ug/kg	0.82	0.24	1
cis-1,2-Dichloroethene	0.26	J	ug/kg	0.82	0.14	1
Styrene	ND		ug/kg	0.82	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.2	0.75	1
Acetone	12		ug/kg	8.2	4.0	1
Carbon disulfide	ND		ug/kg	8.2	3.7	1
2-Butanone	ND		ug/kg	8.2	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.2	1.0	1
2-Hexanone	ND		ug/kg	8.2	0.97	1
Bromochloromethane	ND		ug/kg	1.6	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.82	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.82	1
Isopropylbenzene	2.2		ug/kg	0.82	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
Methyl Acetate	ND		ug/kg	3.3	0.78	1
Cyclohexane	2.7	J	ug/kg	8.2	0.45	1
1,4-Dioxane	ND		ug/kg	66	29.	1
Freon-113	ND		ug/kg	3.3	0.57	1
Methyl cyclohexane	1.5	J	ug/kg	3.3	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	93		70-130

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/20/24 10:34
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2000052-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.35	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/20/24 10:34
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2000052-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/20/24 10:34
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2000052-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1681-1689 MAIN ST
Project Number: 8461

Lab Number: L2468035
Report Date: 11/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2000052-3 WG2000052-4								
Methylene chloride	96		94		70-130	2		30
1,1-Dichloroethane	108		103		70-130	5		30
Chloroform	93		91		70-130	2		30
Carbon tetrachloride	92		88		70-130	4		30
1,2-Dichloropropane	108		104		70-130	4		30
Dibromochloromethane	102		100		70-130	2		30
1,1,2-Trichloroethane	104		102		70-130	2		30
Tetrachloroethene	120		113		70-130	6		30
Chlorobenzene	108		104		70-130	4		30
Trichlorofluoromethane	71		**67**	Q	70-139	6		30
1,2-Dichloroethane	88		87		70-130	1		30
1,1,1-Trichloroethane	95		90		70-130	5		30
Bromodichloromethane	90		88		70-130	2		30
trans-1,3-Dichloropropene	100		97		70-130	3		30
cis-1,3-Dichloropropene	98		95		70-130	3		30
Bromoform	96		90		70-130	6		30
1,1,2,2-Tetrachloroethane	100		97		70-130	3		30
Benzene	102		98		70-130	4		30
Toluene	94		89		70-130	5		30
Ethylbenzene	106		100		70-130	6		30
Chloromethane	**131**	Q	121		52-130	8		30
Bromomethane	81		78		57-147	4		30
Vinyl chloride	103		96		67-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: 8461

Lab Number: L2468035

Report Date: 11/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2000052-3 WG2000052-4								
Chloroethane	79		75		50-151	5		30
1,1-Dichloroethene	70		65		65-135	7		30
trans-1,2-Dichloroethene	104		98		70-130	6		30
Trichloroethene	102		96		70-130	6		30
1,2-Dichlorobenzene	107		104		70-130	3		30
1,3-Dichlorobenzene	108		103		70-130	5		30
1,4-Dichlorobenzene	106		102		70-130	4		30
Methyl tert butyl ether	74		72		66-130	3		30
p/m-Xylene	110		104		70-130	6		30
o-Xylene	105		102		70-130	3		30
cis-1,2-Dichloroethene	97		94		70-130	3		30
Styrene	106		102		70-130	4		30
Dichlorodifluoromethane	116		108		30-146	7		30
Acetone	94		92		54-140	2		30
Carbon disulfide	66		62		59-130	6		30
2-Butanone	88		87		70-130	1		30
4-Methyl-2-pentanone	98		94		70-130	4		30
2-Hexanone	85		81		70-130	5		30
Bromochloromethane	98		97		70-130	1		30
1,2-Dibromoethane	106		102		70-130	4		30
1,2-Dibromo-3-chloropropane	94		91		68-130	3		30
Isopropylbenzene	108		102		70-130	6		30
1,2,3-Trichlorobenzene	112		108		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: 8461

Lab Number: L2468035

Report Date: 11/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2000052-3 WG2000052-4								
1,2,4-Trichlorobenzene	117		112		70-130	4		30
Methyl Acetate	98		96		51-146	2		30
Cyclohexane	127		119		59-142	7		30
1,4-Dioxane	73		69		65-136	6		30
Freon-113	71		66		50-139	7		30
Methyl cyclohexane	106		98		70-130	8		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	87		87		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	92		93		70-130
Dibromofluoromethane	89		91		70-130

SEMIVOLATILES

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-01
Client ID: T4 B1R
Sample Location: BUFFALO,NY

Date Collected: 11/19/24 13:00
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/20/24 12:58
Analyst: SLR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 11/20/24 04:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2468035

Project Number: 8461 **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-01 Date Collected: 11/19/24 13:00

Client ID: T4 B1R Date Received: 11/19/24

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2468035
Project Number: 8461
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-01
Client ID: T4 B1R
Sample Location: BUFFALO,NY
Date Collected: 11/19/24 13:00
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	80		18-120

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-02
Client ID: T4 B2R
Sample Location: BUFFALO,NY

Date Collected: 11/19/24 13:15
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/20/24 13:21
Analyst: SLR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/20/24 04:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2468035

Project Number: 8461 **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-02 Date Collected: 11/19/24 13:15

Client ID: T4 B2R Date Received: 11/19/24

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	150	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2468035
Project Number: 8461
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-02
Client ID: T4 B2R
Sample Location: BUFFALO,NY
Date Collected: 11/19/24 13:15
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	88		18-120

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-03
Client ID: T4 B3R
Sample Location: BUFFALO,NY

Date Collected: 11/19/24 13:30
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/20/24 13:44
Analyst: SLR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/20/24 04:28

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2468035

Project Number: 8461 **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-03 Date Collected: 11/19/24 13:30

Client ID: T4 B3R Date Received: 11/19/24

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	81.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2468035
Project Number: 8461
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-03
Client ID: T4 B3R
Sample Location: BUFFALO,NY
Date Collected: 11/19/24 13:30
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	80		18-120

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-04
Client ID: T4 B4R
Sample Location: BUFFALO,NY

Date Collected: 11/19/24 13:45
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/20/24 14:07
Analyst: SLR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/20/24 04:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2468035

Project Number: 8461 **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-04 Date Collected: 11/19/24 13:45

Client ID: T4 B4R Date Received: 11/19/24

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2468035
Project Number: 8461
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-04
Client ID: T4 B4R
Sample Location: BUFFALO,NY
Date Collected: 11/19/24 13:45
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	87		18-120

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-05
Client ID: T4 B5R
Sample Location: BUFFALO,NY

Date Collected: 11/19/24 14:00
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/20/24 14:29
Analyst: SLR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/20/24 04:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2468035

Project Number: 8461 **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-05 Date Collected: 11/19/24 14:00

Client ID: T4 B5R Date Received: 11/19/24

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2468035

Project Number: 8461 **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-05 Date Collected: 11/19/24 14:00

Client ID: T4 B5R Date Received: 11/19/24

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	80		18-120

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-06
Client ID: T4 B6R
Sample Location: BUFFALO,NY

Date Collected: 11/19/24 14:15
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/20/24 14:52
Analyst: SMZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 11/20/24 04:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2468035

Project Number: 8461 **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-06 Date Collected: 11/19/24 14:15

Client ID: T4 B6R Date Received: 11/19/24

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2468035
Project Number: 8461
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-06
Client ID: T4 B6R
Sample Location: BUFFALO,NY
Date Collected: 11/19/24 14:15
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	74		18-120

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-07
Client ID: T4 B7R
Sample Location: BUFFALO,NY

Date Collected: 11/19/24 14:30
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 11/20/24 15:14
Analyst: SMZ
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 11/20/24 04:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	65	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: 1681-1689 MAIN ST **Lab Number:** L2468035

Project Number: 8461 **Report Date:** 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-07 Date Collected: 11/19/24 14:30

Client ID: T4 B7R Date Received: 11/19/24

Sample Location: BUFFALO,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 1681-1689 MAIN ST
Lab Number: L2468035
Project Number: 8461
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-07
Client ID: T4 B7R
Sample Location: BUFFALO,NY
Date Collected: 11/19/24 14:30
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	89		18-120

Project Name: 1681-1689 MAIN ST
Project Number: 8461

Lab Number: L2468035
Report Date: 11/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/20/24 09:10
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/20/24 04:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1999727-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	100	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	57.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	31.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/20/24 09:10
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/20/24 04:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1999727-1					
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/20/24 09:10
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 11/20/24 04:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1999727-1					
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Carbazole	ND		ug/kg	170	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	170	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	65		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: 8461

Lab Number: L2468035

Report Date: 11/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1999727-2 WG1999727-3								
Acenaphthene	86		73		31-137	16		50
Hexachlorobenzene	82		69		40-140	17		50
Bis(2-chloroethyl)ether	79		72		40-140	9		50
2-Chloronaphthalene	92		76		40-140	19		50
3,3'-Dichlorobenzidine	71		57		40-140	22		50
2,4-Dinitrotoluene	109		94		40-132	15		50
2,6-Dinitrotoluene	107		87		40-140	21		50
Fluoranthene	91		77		40-140	17		50
4-Chlorophenyl phenyl ether	88		76		40-140	15		50
4-Bromophenyl phenyl ether	87		73		40-140	18		50
Bis(2-chloroisopropyl)ether	81		74		40-140	9		50
Bis(2-chloroethoxy)methane	85		76		40-117	11		50
Hexachlorobutadiene	79		69		40-140	14		50
Hexachlorocyclopentadiene	106		90		40-140	16		50
Hexachloroethane	78		74		40-140	5		50
Isophorone	88		76		40-140	15		50
Naphthalene	82		72		40-140	13		50
Nitrobenzene	91		81		40-140	12		50
NDPA/DPA	93		79		36-157	16		50
n-Nitrosodi-n-propylamine	86		75		32-121	14		50
Bis(2-ethylhexyl)phthalate	112		91		40-140	21		50
Butyl benzyl phthalate	102		87		40-140	16		50
Di-n-butylphthalate	96		82		40-140	16		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: 8461

Lab Number: L2468035

Report Date: 11/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1999727-2 WG1999727-3								
Di-n-octylphthalate	115		94		40-140	20		50
Diethyl phthalate	95		81		40-140	16		50
Dimethyl phthalate	98		80		40-140	20		50
Benzo(a)anthracene	93		76		40-140	20		50
Benzo(a)pyrene	97		79		40-140	20		50
Benzo(b)fluoranthene	93		75		40-140	21		50
Benzo(k)fluoranthene	92		75		40-140	20		50
Chrysene	91		75		40-140	19		50
Acenaphthylene	101		83		40-140	20		50
Anthracene	92		78		40-140	16		50
Benzo(ghi)perylene	94		76		40-140	21		50
Fluorene	91		76		40-140	18		50
Phenanthrene	88		74		40-140	17		50
Dibenzo(a,h)anthracene	91		74		40-140	21		50
Indeno(1,2,3-cd)pyrene	92		76		40-140	19		50
Pyrene	89		75		35-142	17		50
Biphenyl	91		77		37-127	17		50
4-Chloroaniline	76		47		40-140	47		50
2-Nitroaniline	112		92		47-134	20		50
3-Nitroaniline	80		67		26-129	18		50
4-Nitroaniline	102		85		41-125	18		50
Dibenzofuran	89		76		40-140	16		50
2-Methylnaphthalene	78		66		40-140	17		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: 8461

Lab Number: L2468035

Report Date: 11/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1999727-2 WG1999727-3								
1,2,4,5-Tetrachlorobenzene	90		75		40-117	18		50
Acetophenone	89		80		14-144	11		50
2,4,6-Trichlorophenol	99		82		30-130	19		50
p-Chloro-m-cresol	99		83		26-103	18		50
2-Chlorophenol	84		73		25-102	14		50
2,4-Dichlorophenol	94		80		30-130	16		50
2,4-Dimethylphenol	112		97		30-130	14		50
2-Nitrophenol	98		88		30-130	11		50
4-Nitrophenol	**124**	Q	103		11-114	19		50
2,4-Dinitrophenol	114		95		4-130	18		50
4,6-Dinitro-o-cresol	114		98		10-130	15		50
Pentachlorophenol	90		74		17-109	20		50
Phenol	85		75		26-90	13		50
2-Methylphenol	88		79		30-130.	11		50
3-Methylphenol/4-Methylphenol	89		79		30-130	12		50
2,4,5-Trichlorophenol	104		86		30-130	19		50
Carbazole	90		76		54-128	17		50
Atrazine	90		77		40-140	16		50
Benzaldehyde	85		79		40-140	7		50
Caprolactam	101		87		15-130	15		50
2,3,4,6-Tetrachlorophenol	99		82		40-140	19		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: 8461

Lab Number: L2468035

Report Date: 11/22/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1999727-2 WG1999727-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		71		25-120
Phenol-d6	84		73		10-120
Nitrobenzene-d5	87		76		23-120
2-Fluorobiphenyl	87		71		30-120
2,4,6-Tribromophenol	85		66		10-136
4-Terphenyl-d14	82		69		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: 1681-1689 MAIN ST
Project Number: 8461

Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-01
Client ID: T4 B1R
Sample Location: BUFFALO,NY

Date Collected: 11/19/24 13:00
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	11/20/24 04:10	121,2540G	ODJ

Project Name: 1681-1689 MAIN ST
Project Number: 8461

Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-02
Client ID: T4 B2R
Sample Location: BUFFALO,NY

Date Collected: 11/19/24 13:15
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	11/20/24 04:10	121,2540G	ODJ

Project Name: 1681-1689 MAIN ST
Project Number: 8461

Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-03
Client ID: T4 B3R
Sample Location: BUFFALO,NY

Date Collected: 11/19/24 13:30
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	11/20/24 04:10	121,2540G	ODJ

Project Name: 1681-1689 MAIN ST
Project Number: 8461

Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-04
Client ID: T4 B4R
Sample Location: BUFFALO,NY

Date Collected: 11/19/24 13:45
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	11/20/24 04:10	121,2540G	ODJ

Project Name: 1681-1689 MAIN ST
Project Number: 8461

Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-05
Client ID: T4 B5R
Sample Location: BUFFALO,NY

Date Collected: 11/19/24 14:00
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	11/20/24 04:10	121,2540G	ODJ

Project Name: 1681-1689 MAIN ST
Project Number: 8461

Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-06
Client ID: T4 B6R
Sample Location: BUFFALO,NY

Date Collected: 11/19/24 14:15
Date Received: 11/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	11/20/24 04:10	121,2540G	ODJ

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

SAMPLE RESULTS

Lab ID: L2468035-07
Client ID: T4 B7R
Sample Location: BUFFALO,NY
Sample Depth:
Matrix: Soil
Date Collected: 11/19/24 14:30
Date Received: 11/19/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.0		%	0.100	NA	1	-	11/20/24 04:10	121,2540G	ODJ

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1681-1689 MAIN ST

Project Number: 8461

Lab Number: L2468035

Report Date: 11/22/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1999725-1 QC Sample: L2467927-01 Client ID: DUP Sample						
Solids, Total	79.3	79.4	%	0		20

Project Name: 1681-1689 MAIN ST
Project Number: 8461

Lab Number: L2468035
Report Date: 11/22/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2468035-01A	Vial Large Septa unpreserved (4oz)	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2468035-01B	Glass 120ml/4oz unpreserved	A	NA		5.1	Y	Absent		NYTCL-8270(14),TS(7)
L2468035-01X	Vial MeOH preserved split	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2468035-01Y	Vial Water preserved split	A	NA		5.1	Y	Absent	20-NOV-24 07:49	NYTCL-8260-R2(14)
L2468035-01Z	Vial Water preserved split	A	NA		5.1	Y	Absent	20-NOV-24 07:49	NYTCL-8260-R2(14)
L2468035-02A	Vial Large Septa unpreserved (4oz)	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2468035-02B	Glass 120ml/4oz unpreserved	A	NA		5.1	Y	Absent		NYTCL-8270(14),TS(7)
L2468035-02X	Vial MeOH preserved split	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2468035-02Y	Vial Water preserved split	A	NA		5.1	Y	Absent	20-NOV-24 07:49	NYTCL-8260-R2(14)
L2468035-02Z	Vial Water preserved split	A	NA		5.1	Y	Absent	20-NOV-24 07:49	NYTCL-8260-R2(14)
L2468035-03A	Vial Large Septa unpreserved (4oz)	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2468035-03B	Glass 120ml/4oz unpreserved	A	NA		5.1	Y	Absent		NYTCL-8270(14),TS(7)
L2468035-03X	Vial MeOH preserved split	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2468035-03Y	Vial Water preserved split	A	NA		5.1	Y	Absent	20-NOV-24 07:49	NYTCL-8260-R2(14)
L2468035-03Z	Vial Water preserved split	A	NA		5.1	Y	Absent	20-NOV-24 07:49	NYTCL-8260-R2(14)
L2468035-04A	Vial Large Septa unpreserved (4oz)	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2468035-04B	Glass 120ml/4oz unpreserved	A	NA		5.1	Y	Absent		NYTCL-8270(14),TS(7)
L2468035-04X	Vial MeOH preserved split	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2468035-04Y	Vial Water preserved split	A	NA		5.1	Y	Absent	20-NOV-24 07:49	NYTCL-8260-R2(14)
L2468035-04Z	Vial Water preserved split	A	NA		5.1	Y	Absent	20-NOV-24 07:49	NYTCL-8260-R2(14)
L2468035-05A	Vial Large Septa unpreserved (4oz)	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2468035-05B	Glass 120ml/4oz unpreserved	A	NA		5.1	Y	Absent		NYTCL-8270(14),TS(7)
L2468035-05X	Vial MeOH preserved split	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: 1681-1689 MAIN ST
Project Number: 8461

Lab Number: L2468035
Report Date: 11/22/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2468035-05Y	Vial Water preserved split	A	NA		5.1	Y	Absent	20-NOV-24 07:49	NYTCL-8260-R2(14)
L2468035-05Z	Vial Water preserved split	A	NA		5.1	Y	Absent	20-NOV-24 07:49	NYTCL-8260-R2(14)
L2468035-06A	Vial Large Septa unpreserved (4oz)	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2468035-06B	Glass 120ml/4oz unpreserved	A	NA		5.1	Y	Absent		NYTCL-8270(14),TS(7)
L2468035-06X	Vial MeOH preserved split	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2468035-06Y	Vial Water preserved split	A	NA		5.1	Y	Absent	20-NOV-24 07:49	NYTCL-8260-R2(14)
L2468035-06Z	Vial Water preserved split	A	NA		5.1	Y	Absent	20-NOV-24 07:49	NYTCL-8260-R2(14)
L2468035-07A	Vial Large Septa unpreserved (4oz)	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2468035-07B	Glass 120ml/4oz unpreserved	A	NA		5.1	Y	Absent		NYTCL-8270(14),TS(7)
L2468035-07X	Vial MeOH preserved split	A	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2468035-07Y	Vial Water preserved split	A	NA		5.1	Y	Absent	20-NOV-24 07:49	NYTCL-8260-R2(14)
L2468035-07Z	Vial Water preserved split	A	NA		5.1	Y	Absent	20-NOV-24 07:49	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2468035
Project Number:	8461	**Report Date:**	11/22/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2468035
Project Number:	8461	**Report Date:**	11/22/24

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	1681-1689 MAIN ST	**Lab Number:**	L2468035
Project Number:	8461	**Report Date:**	11/22/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 1681-1689 MAIN ST
Project Number: 8461
Lab Number: L2468035
Report Date: 11/22/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine, 2,6-Dichlorophenol.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

L2468035 20NOV24
ROUX – BENCH

ALPHA ANALYTICAL
Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab 11/20/24

Project Information
Project Name: 1681-1689 MAIN ST
Project Location: BUFFALO, NY
Project # 9461
(Use Project name as Project #) ☐
Project Manager: CANDACE FOX
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☑ # of Days: 24 HOUR

Deliverables
☐ ASP-A ☐ ASP-I
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other
PO #

Client Information
Client: ROUX
Address: 2558 HAMBURG TURNPIKE
Phone: 716 638 7931
Fax:
Email: tbranch@rouxinc.com

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

☐ These samples have been previously analyzed by Alpha

Other project specific requirements/comments:
CAT B

Please specify Metals or TAL.

ANALYSIS
NYTCL 8270 SVOCs
NYTCL 8260 VOCs

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL 8270 SVOCs	NYTCL 8260 VOCs	Sample Specific Comments	Total Bottle
68035-01	T431R	11/19/24	13:00	SOIL	TSB	X	X		2
-02	T432R		13:15						2
-03	T433R		13:30						2
-04	T434R		13:45						2
-05	T435R		~~14:00~~						2
-06	T436R		14:15						2
-07	T437R		14:30						2

Container Type: A A
Preservative: A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	11/19/24 1031		
	11-19-24 16:37		11-19-24 16:37
	11-19-24 16:37		11-19-24 16:37
	00:50		11/20/24 00:50

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

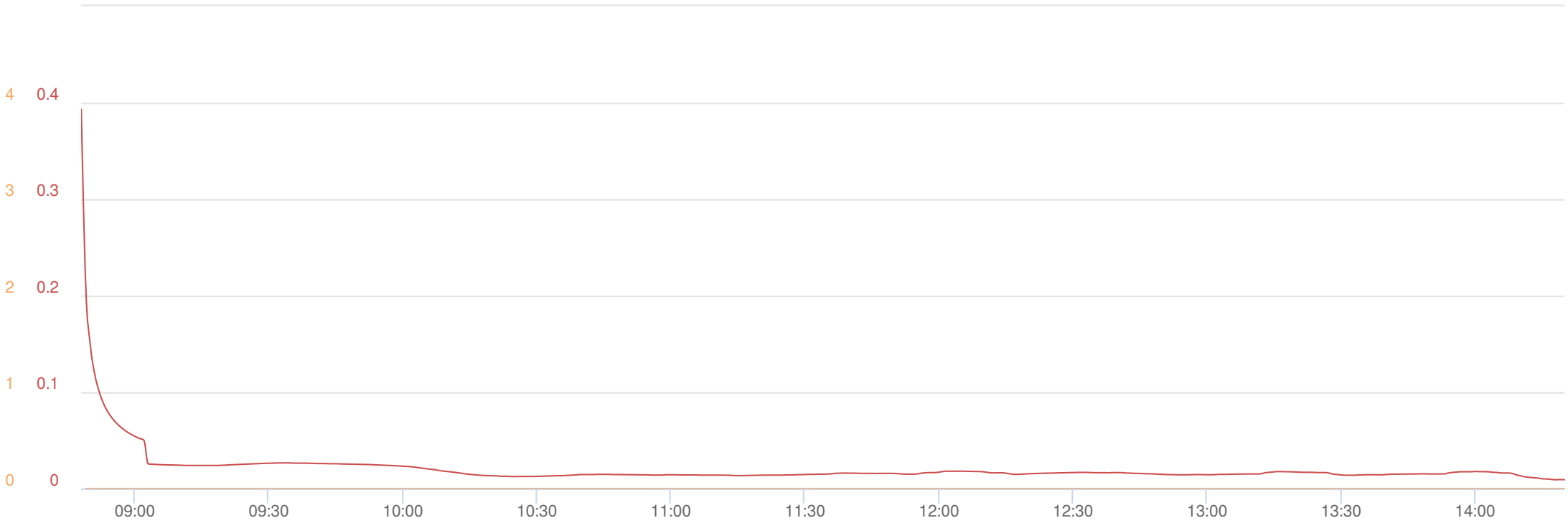
Form No: 01-25 HC (rev. 30-Sept-2013)

APPENDIX E

CAMP Documentation

Downwind

Thu, 11th of Jan 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0091	0.0211	0.393

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1715 Main St, Buffalo, NY 14209, USA

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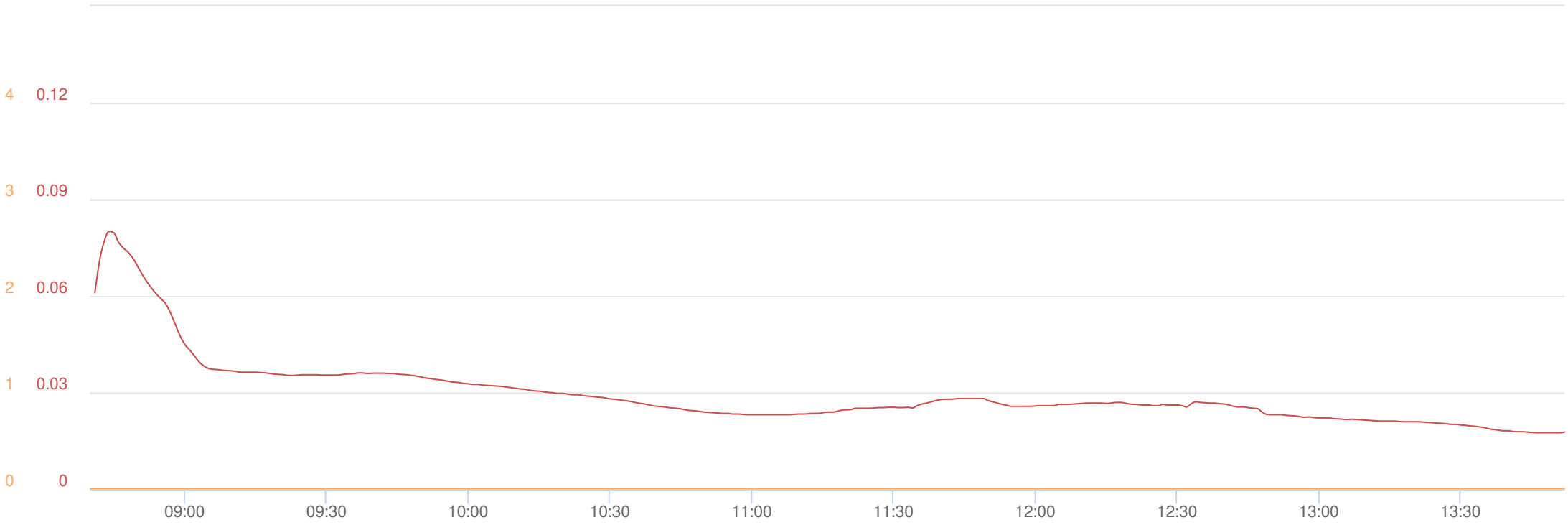
Downwind

Fri, 12th of Jan 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0175	0.0295	0.08

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1715 Main St, Buffalo, NY 14209, USA

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Upwind

Fri, 12th of Jan 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.016	**0.0287**	**0.055**

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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Downwind

Thu, 18th of Jan 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0129	0.0185	0.049

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1715 Main St, Buffalo, NY 14209, USA

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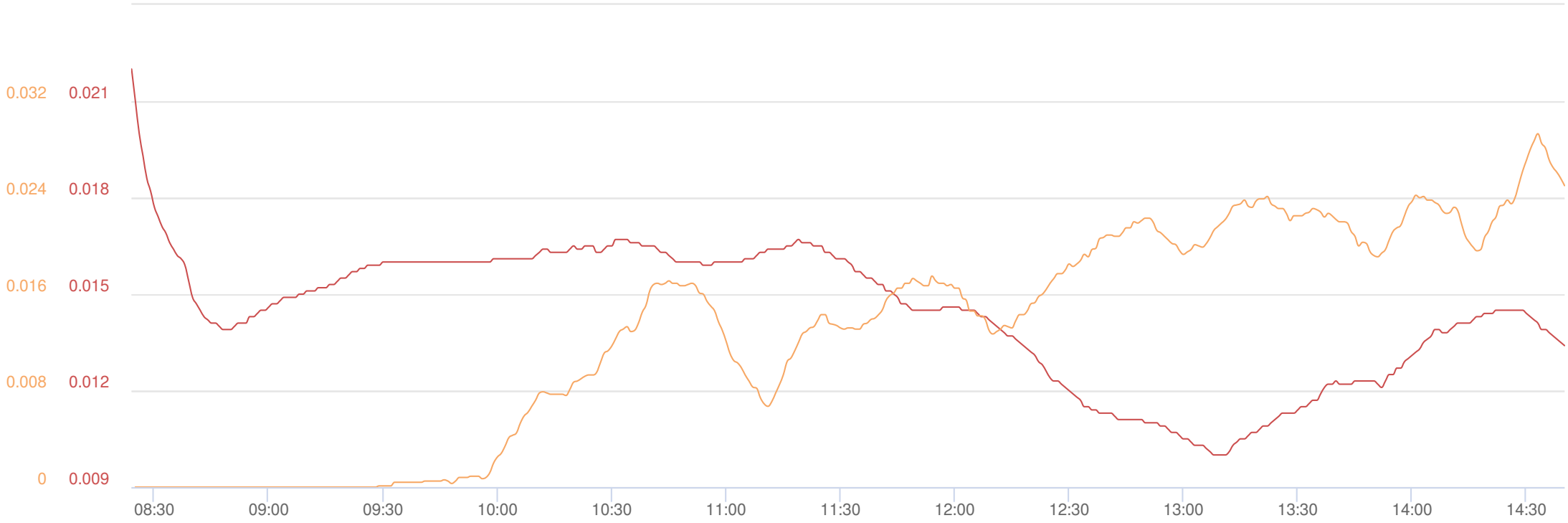
Upwind

Thu, 18th of Jan 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.01	0.0144	0.022

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0128	0.0293

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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Downwind

Mon, 22nd of Jan 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0102	0.015	0.036

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1715 Main St, Buffalo, NY 14209, USA

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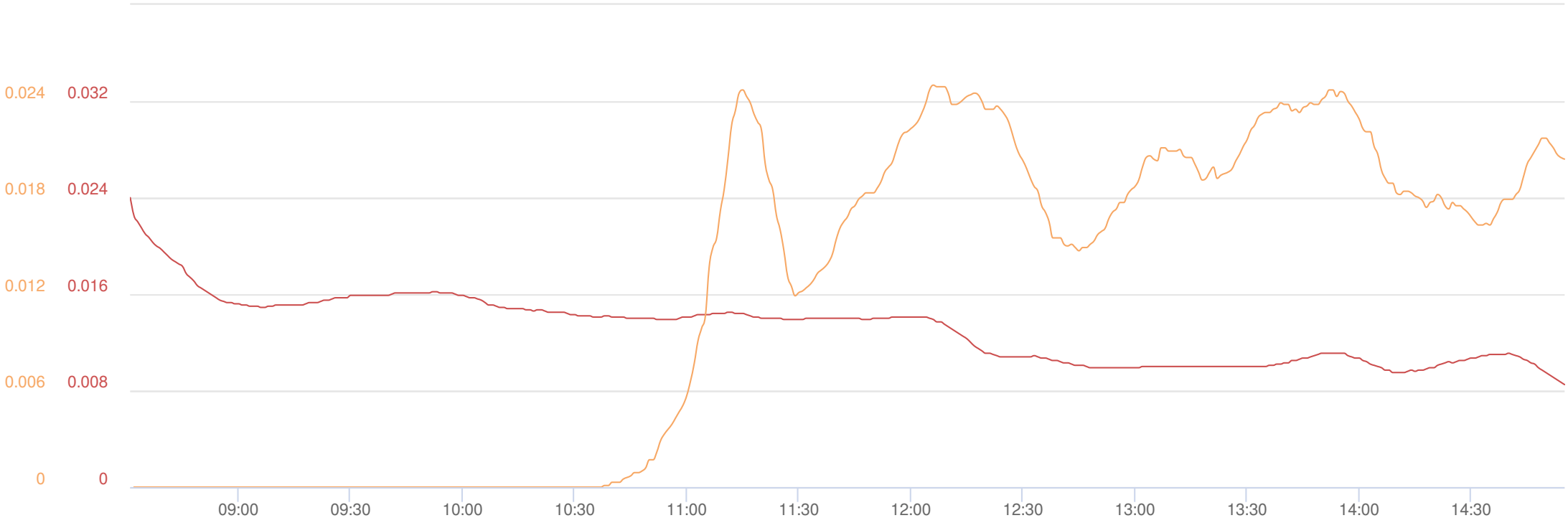
Upwind

Mon, 22nd of Jan 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0087	0.0131	0.024

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.012	0.025

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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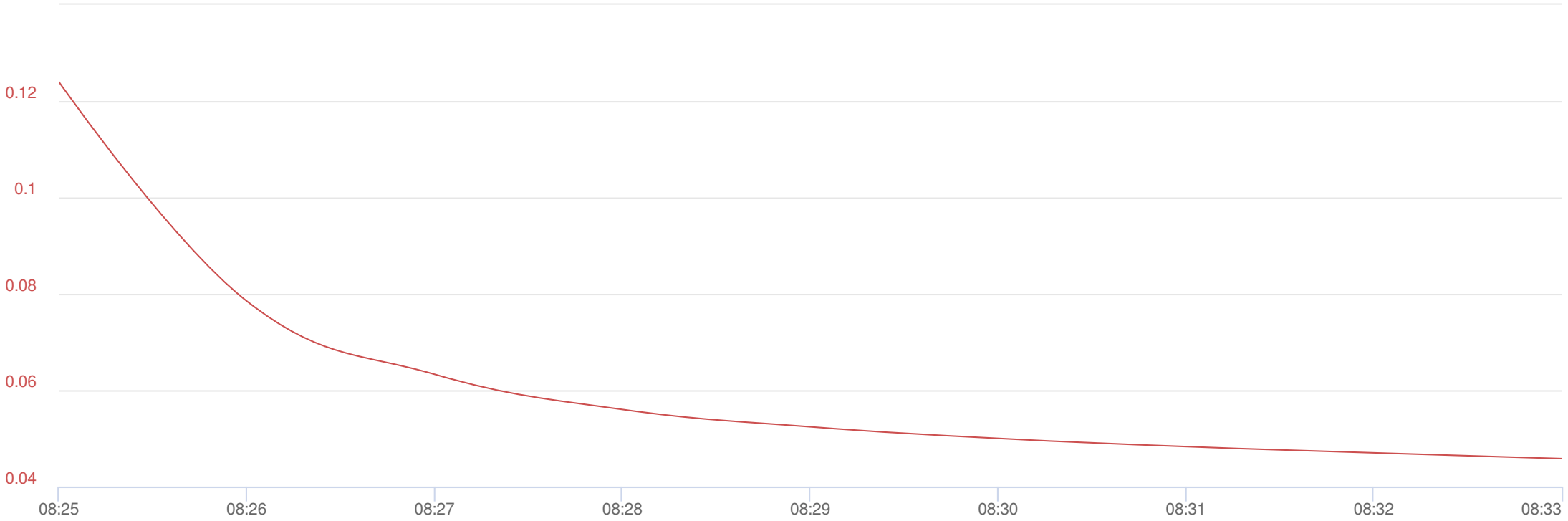
Upwind
CAMP Station Malfunction

Tue, 23rd of Jan 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.047	**0.065**	**0.124**

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1715 Main St, Buffalo, NY 14209, USA

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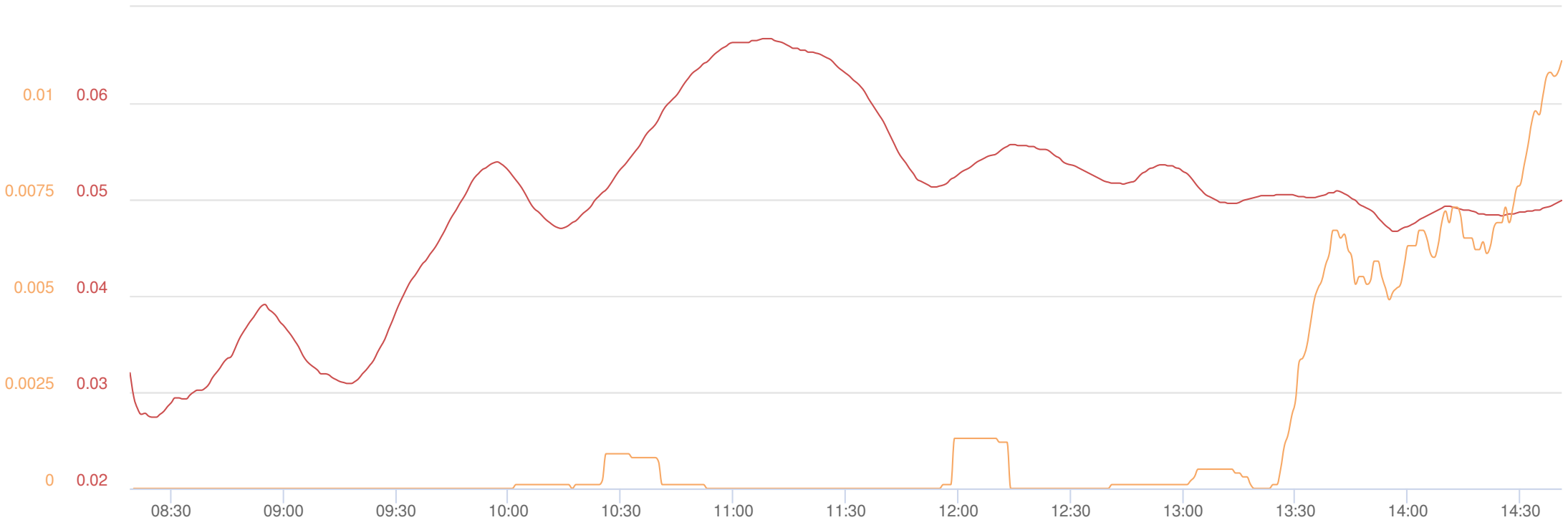
Downwind

Tue, 23rd of Jan 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0274	0.0495	0.0667

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0014	0.0108

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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Upwind

Mon, 29th of Jan 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.002	0.0056	0.0084

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1715 Main St, Buffalo, NY 14209, USA

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Downwind

Mon, 29th of Jan 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0003	0.004	0.011

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0093	0.0301

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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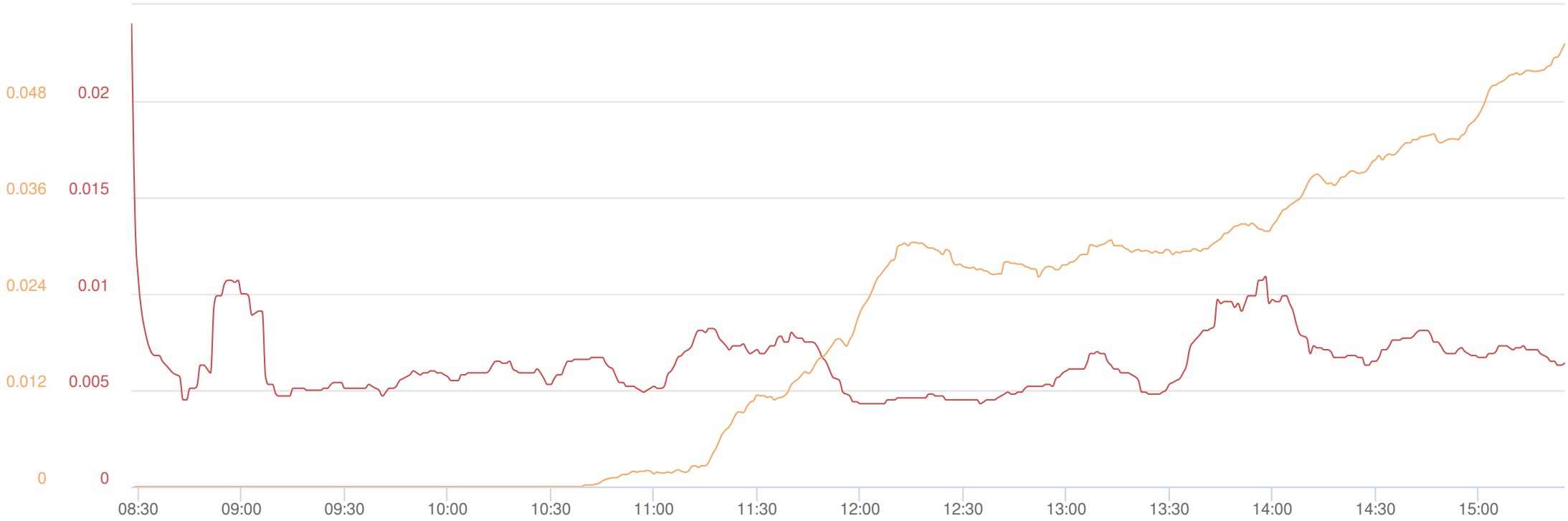
Fri, 16th of Feb 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0043	0.0065	0.024

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0186	0.0542

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	31 E Balcom St, Buffalo, NY 14209, USA

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Mon, 19th of Feb 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0003	0.002	0.021

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1715 Main St, Buffalo, NY 14209, USA

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Mon, 19th of Feb 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0031	0.0065	0.062

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0003	0.0033

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	31 E Balcom St, Buffalo, NY 14209, USA

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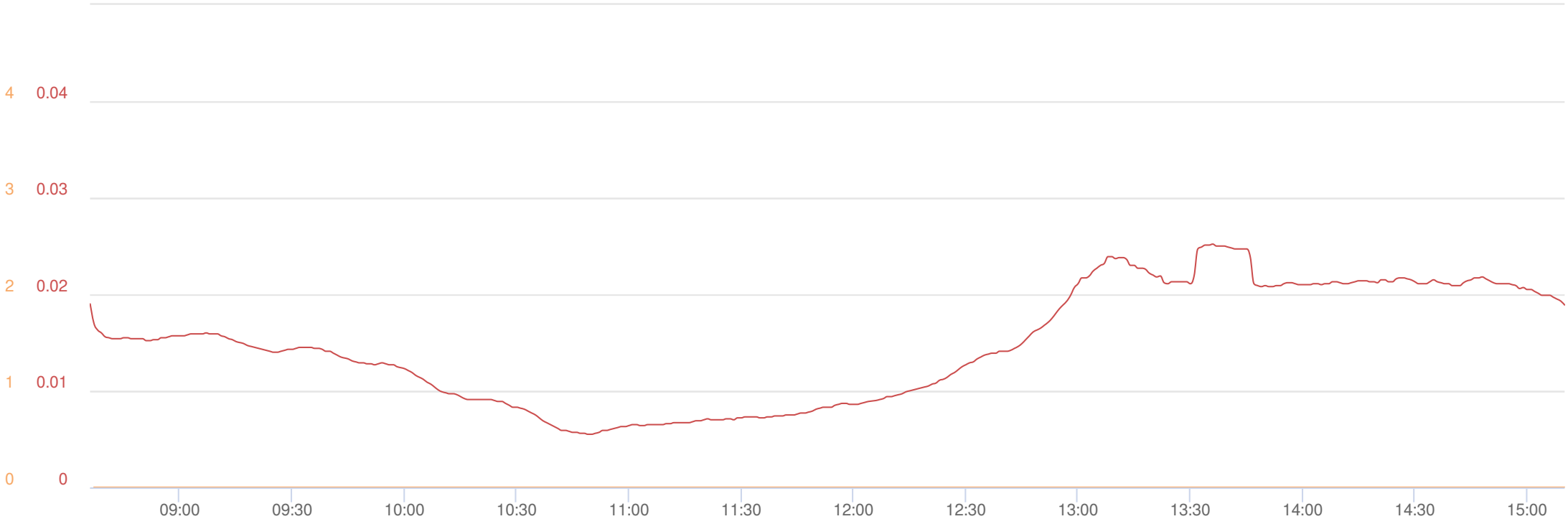
Tue, 20th of Feb 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0055	0.0146	0.0252

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1715 Main St, Buffalo, NY 14209, USA

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Tue, 20th of Feb 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0081	0.0197	0.148

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0002

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	31 E Balcom St, Buffalo, NY 14209, USA

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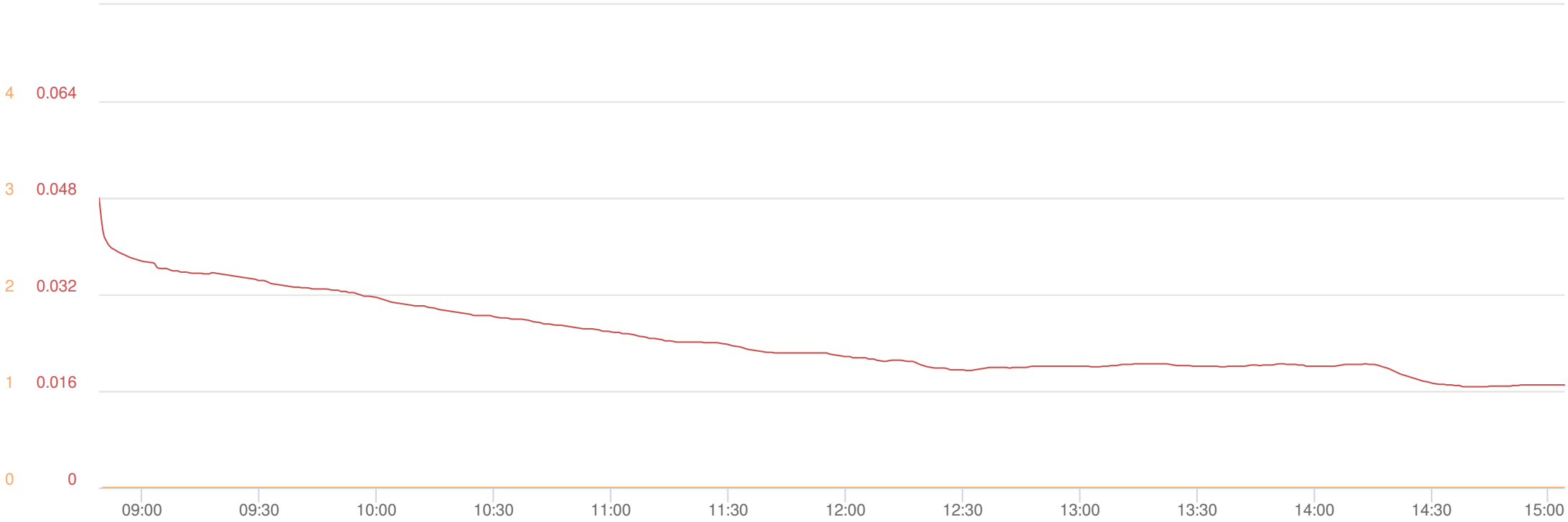
Wed, 21st of Feb 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0167	0.025	0.048

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1715 Main St, Buffalo, NY 14209, USA

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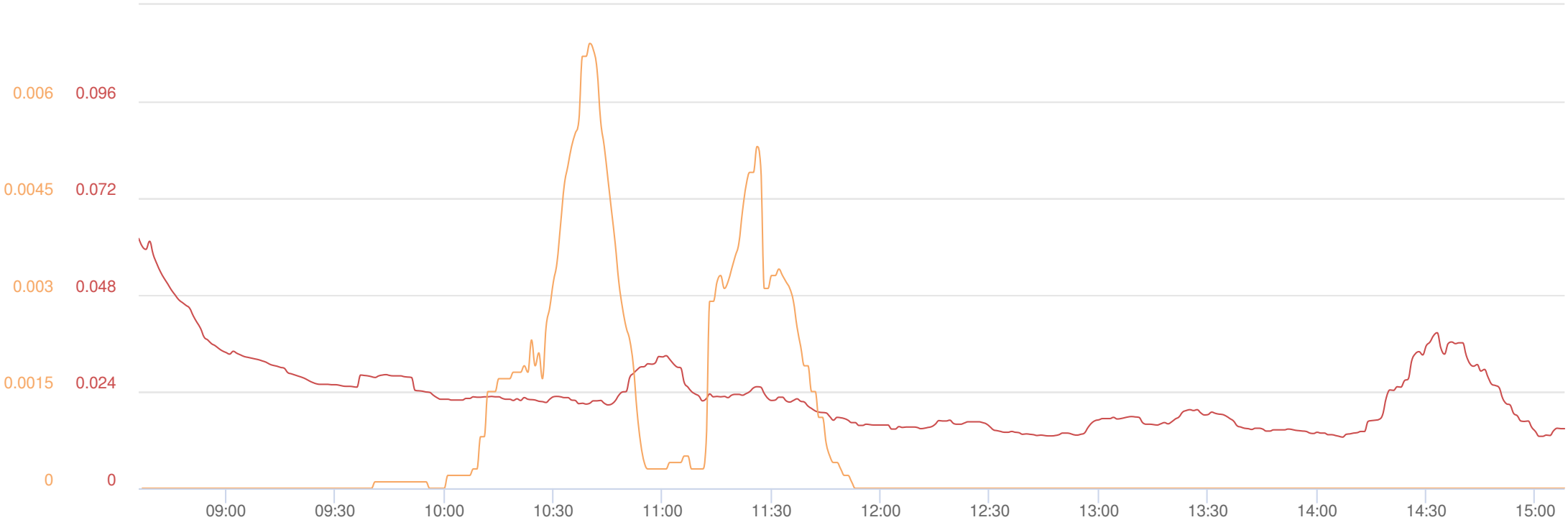
Wed, 21st of Feb 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0127	0.0228	0.062

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0069

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	31 E Balcom St, Buffalo, NY 14209, USA

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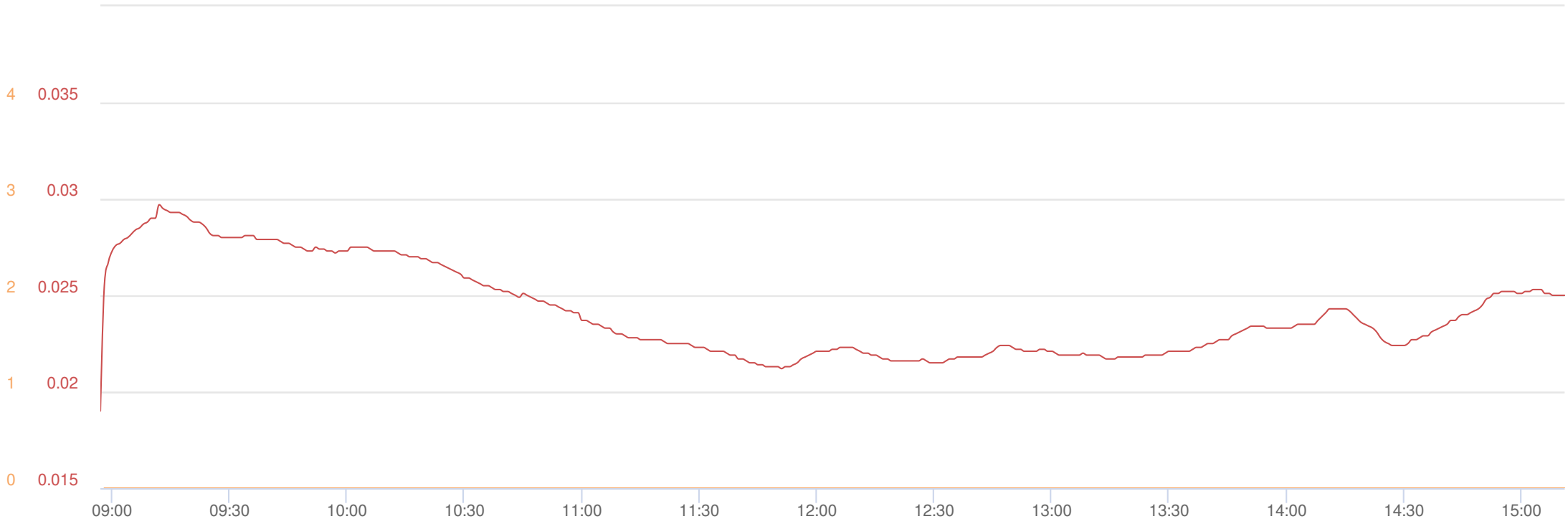
Thu, 22nd of Feb 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.019	0.024	0.0297

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1715 Main St, Buffalo, NY 14209, USA

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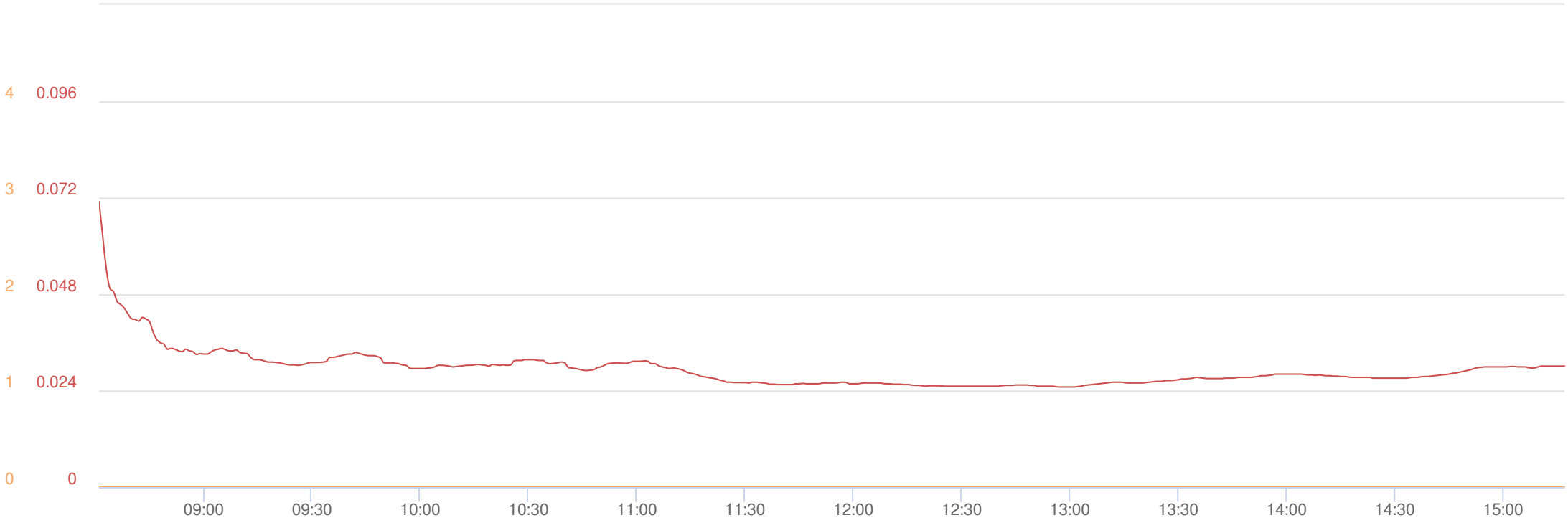
Thu, 22nd of Feb 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0249	0.0292	0.071

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	31 E Balcom St, Buffalo, NY 14209, USA

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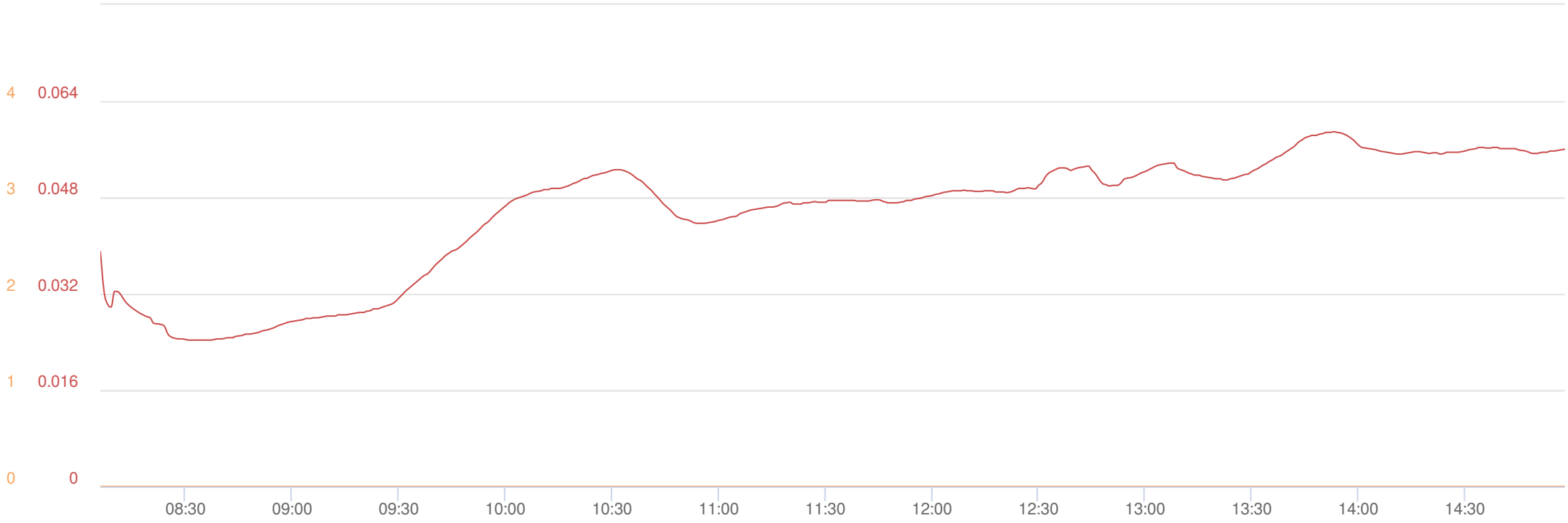
Fri, 23rd of Feb 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0243	0.0454	0.0589

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1715 Main St, Buffalo, NY 14209, USA

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Fri, 23rd of Feb 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0196	0.0353	0.067

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0002

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	31 E Balcom St, Buffalo, NY 14209, USA

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Mon, 26th of Feb 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0225	0.0275	0.0375

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1715 Main St, Buffalo, NY 14209, USA

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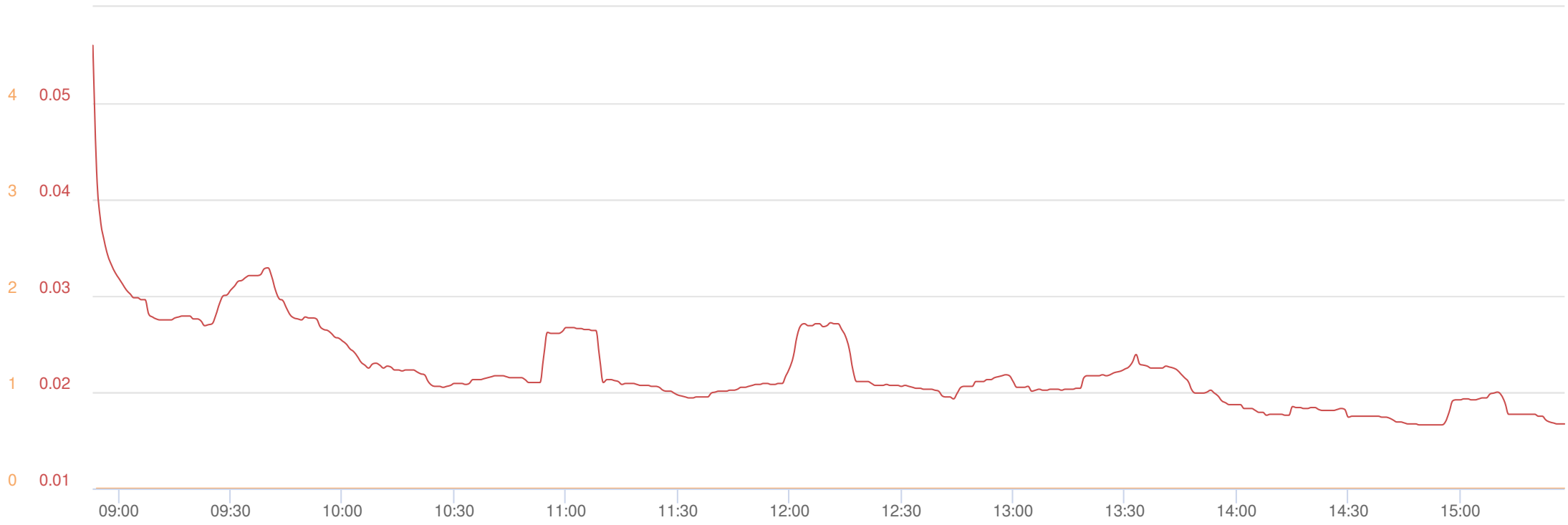
Mon, 26th of Feb 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0166	0.0223	0.056

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	31 E Balcom St, Buffalo, NY 14209, USA

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Thu, 29th of Feb 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0	0	0.078

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1700 Main St, Buffalo, NY 14209, USA

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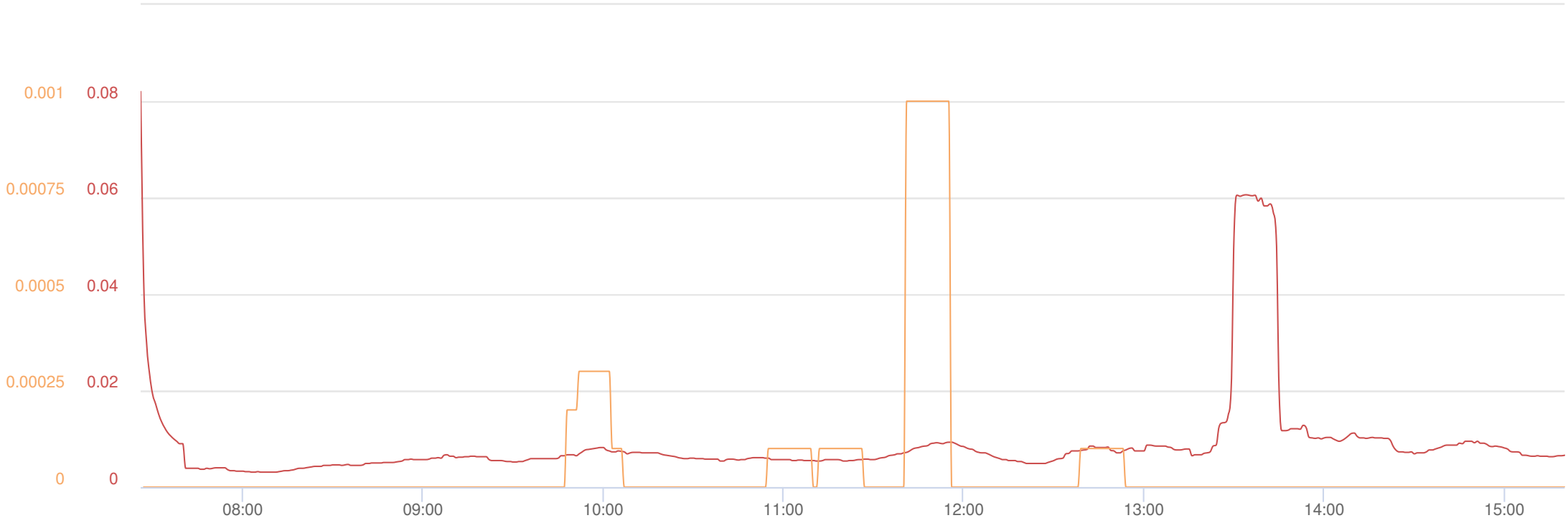
Thu, 29th of Feb 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0031	0.0089	0.082

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.001

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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Fri, 1st of Mar 2024, 7:00:00 – 15:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0042	0.0093	0.02

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1700 Main St, Buffalo, NY 14209, USA

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Fri, 1st of Mar 2024, 7:00:00 – 15:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0012	0.0102	0.056

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0034

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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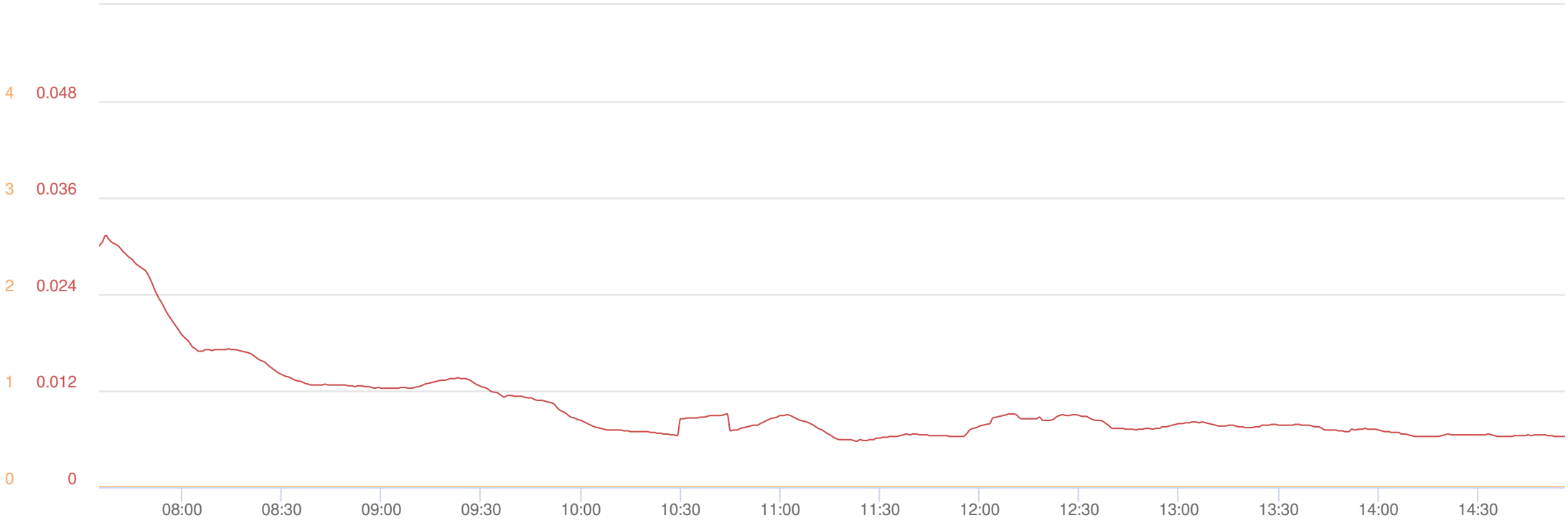
Mon, 4th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0057	0.01	0.0313

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1700 Main St, Buffalo, NY 14209, USA

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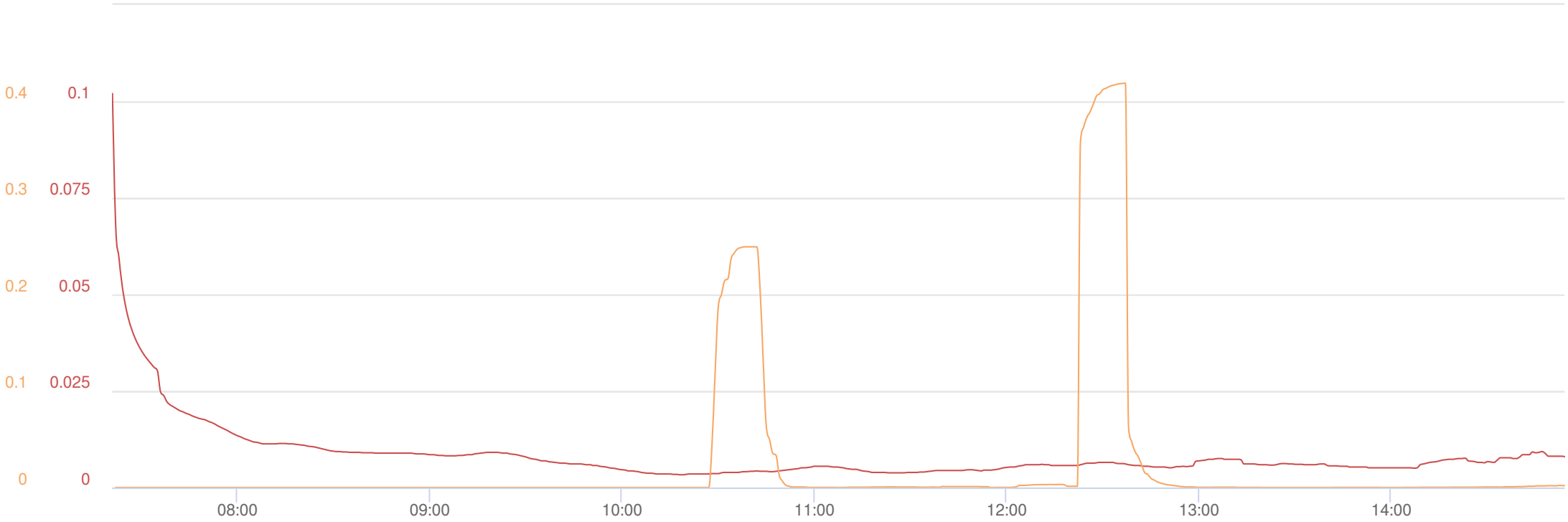
Mon, 4th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0033	0.0083	0.102

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0226	0.4188

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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Tue, 5th of Mar 2024, 7:00:00 – 15:40:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.003	0.007	0.051

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1700 Main St, Buffalo, NY 14209, USA

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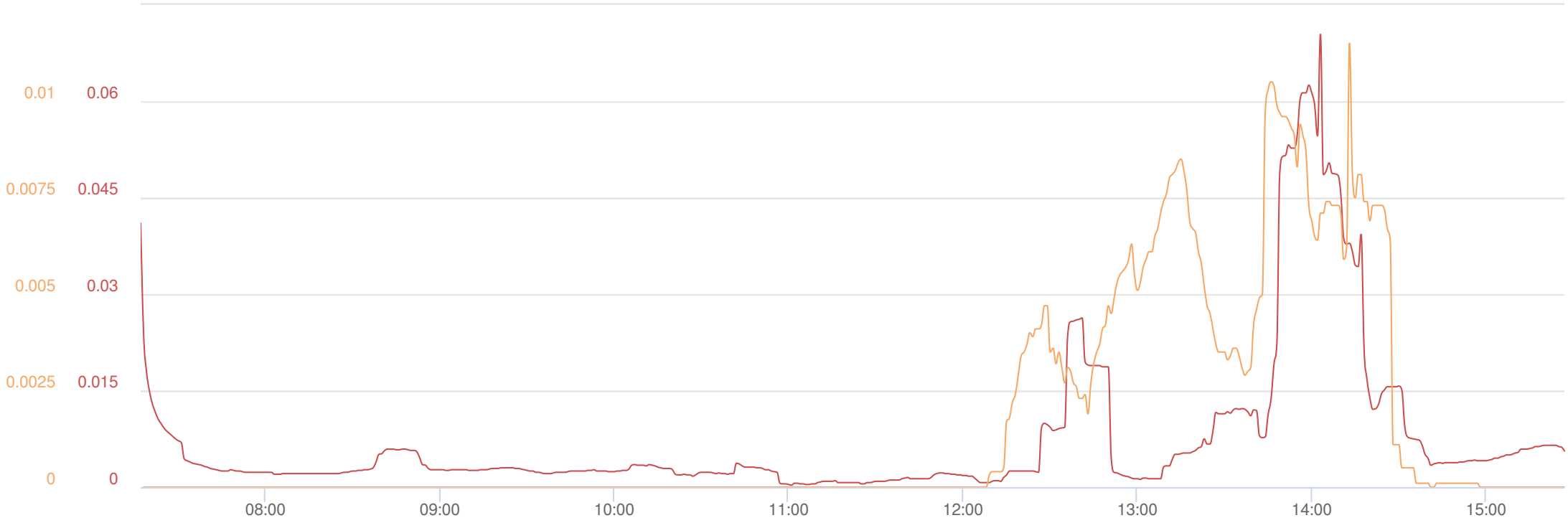
Tue, 5th of Mar 2024, 7:00:00 – 15:40:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0003	0.0074	0.0704

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0115

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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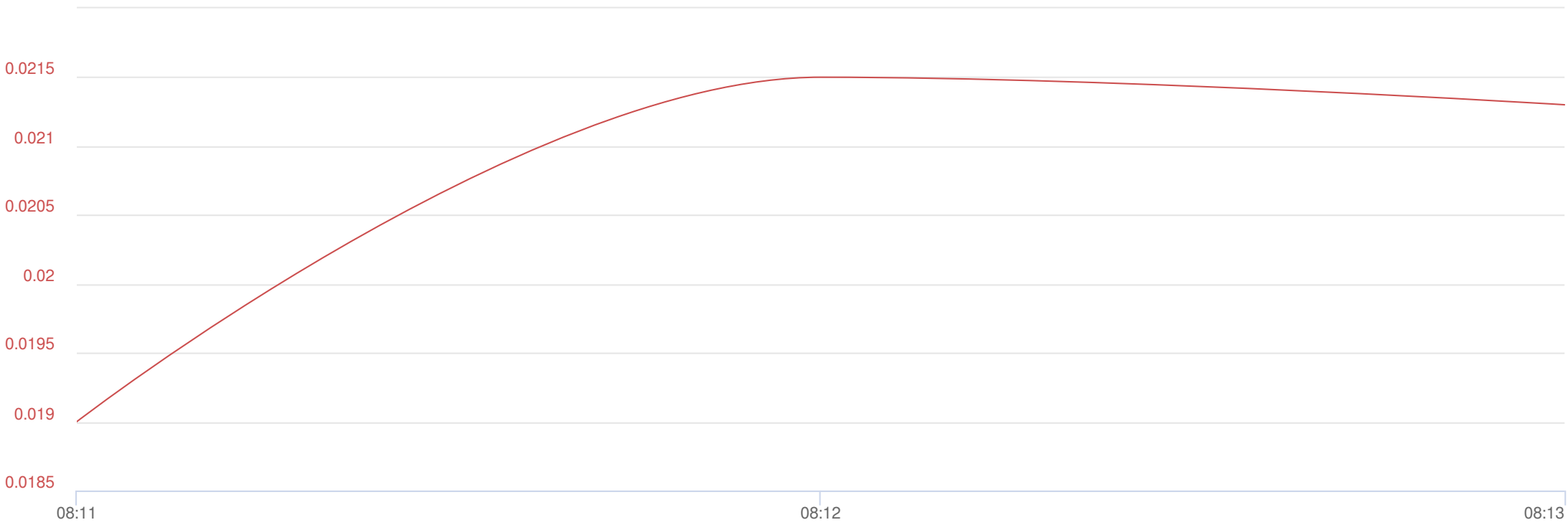
Wed, 6th of Mar 2024, 7:00:00 – 15:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.019	**0.0202**	**0.0215**

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1700 Main St, Buffalo, NY 14209, USA

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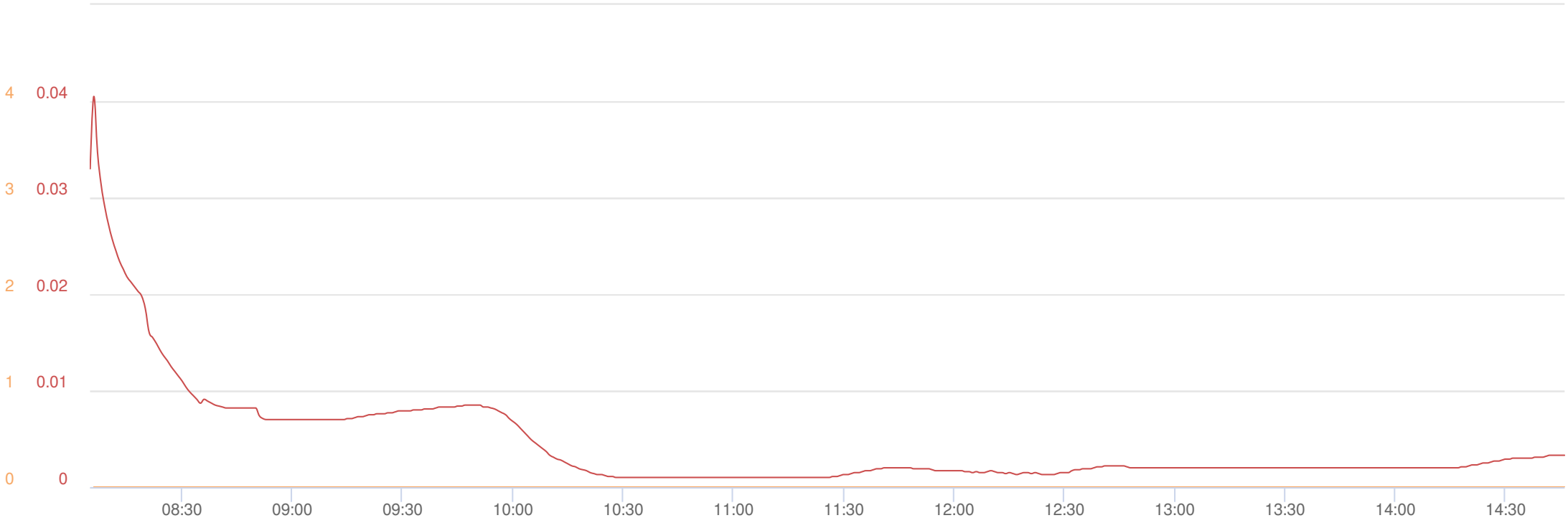
Wed, 6th of Mar 2024, 7:00:00 – 15:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.001	0.0045	0.0405

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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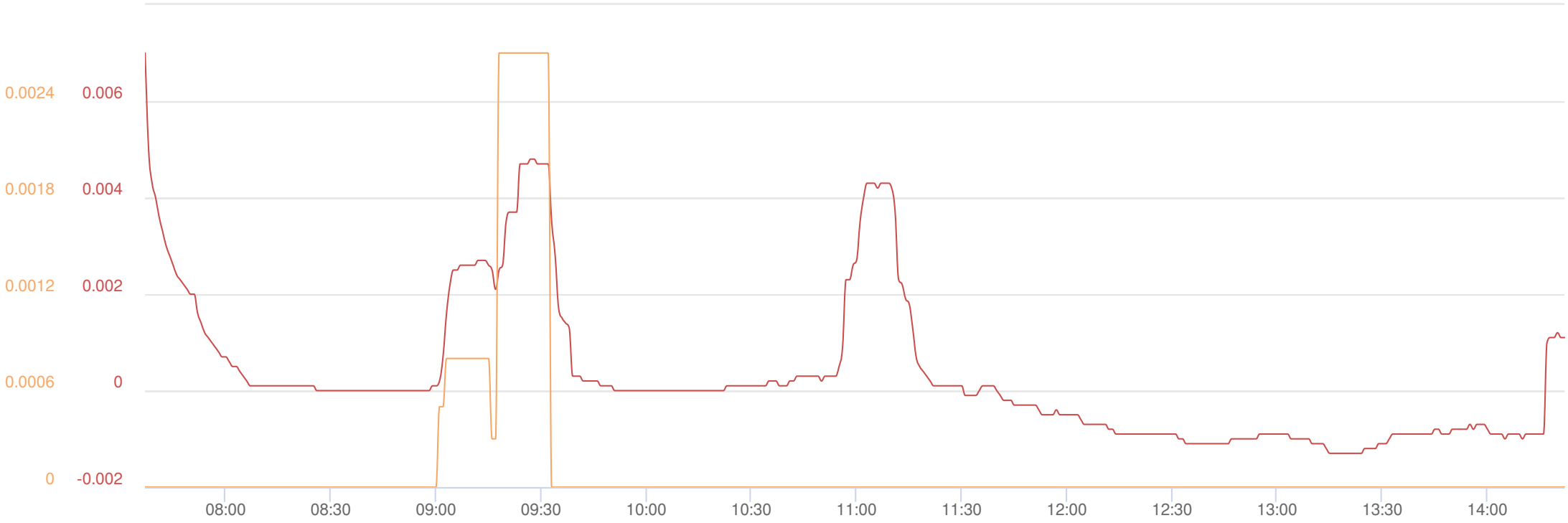
Thu, 7th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
-0.0013	0.0003	0.007

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0027

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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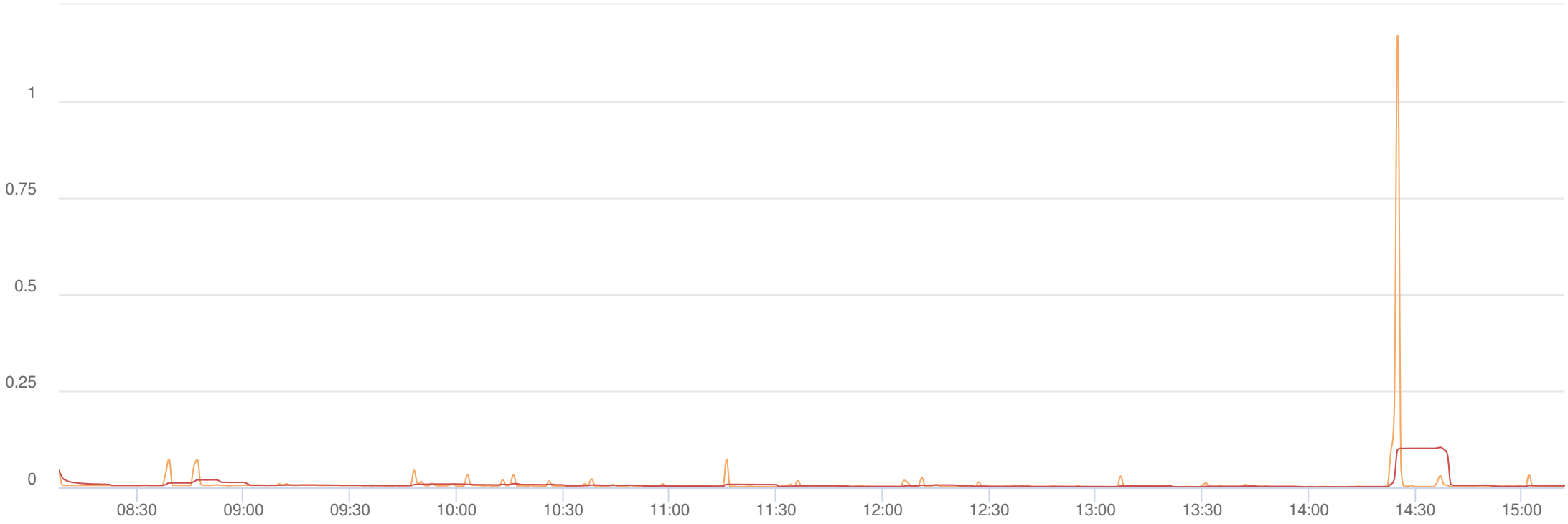
Fri, 8th of Mar 2024, 7:00:00 – 15:20:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.001	0.008	1.17

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0014	0.0086	0.1034

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1700 Main St, Buffalo, NY 14209, USA

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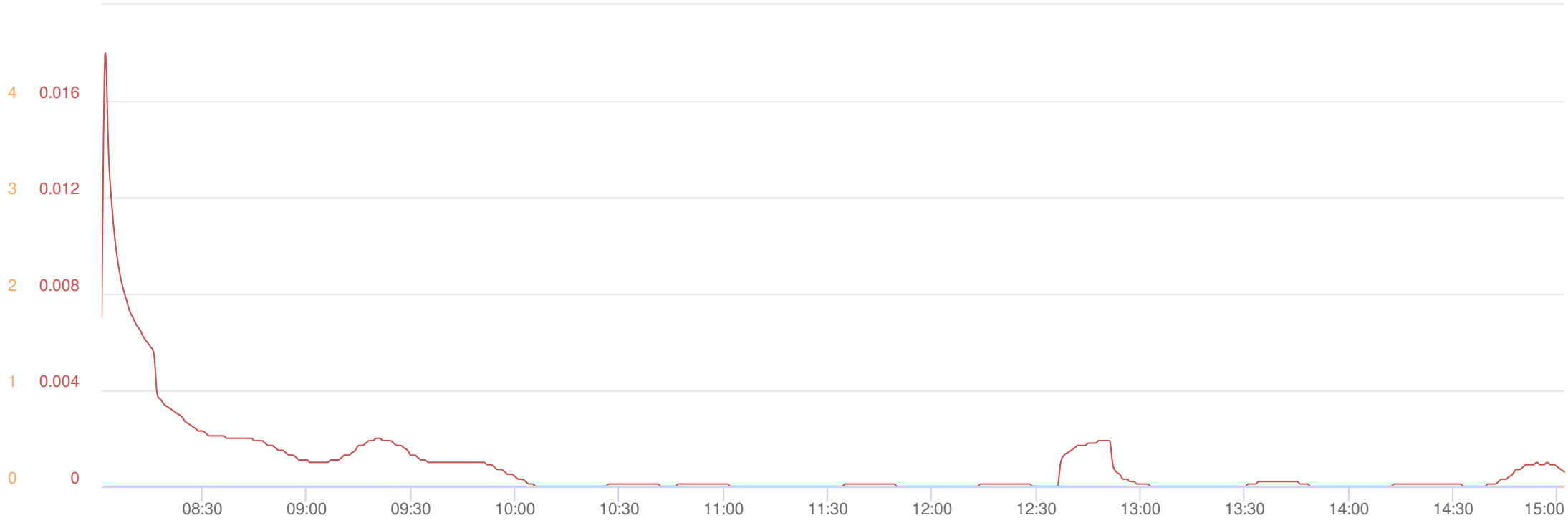
Fri, 8th of Mar 2024, 7:00:00 – 15:20:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0	0.0008	0.018

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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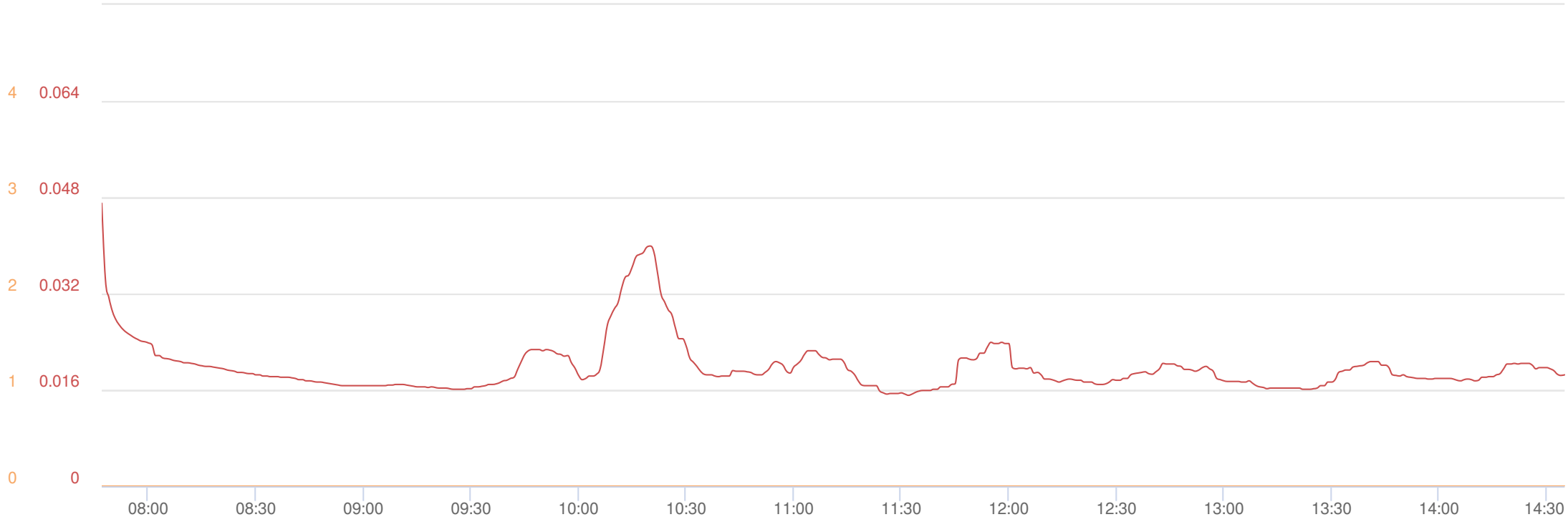
Tue, 12th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0151	0.0197	0.047

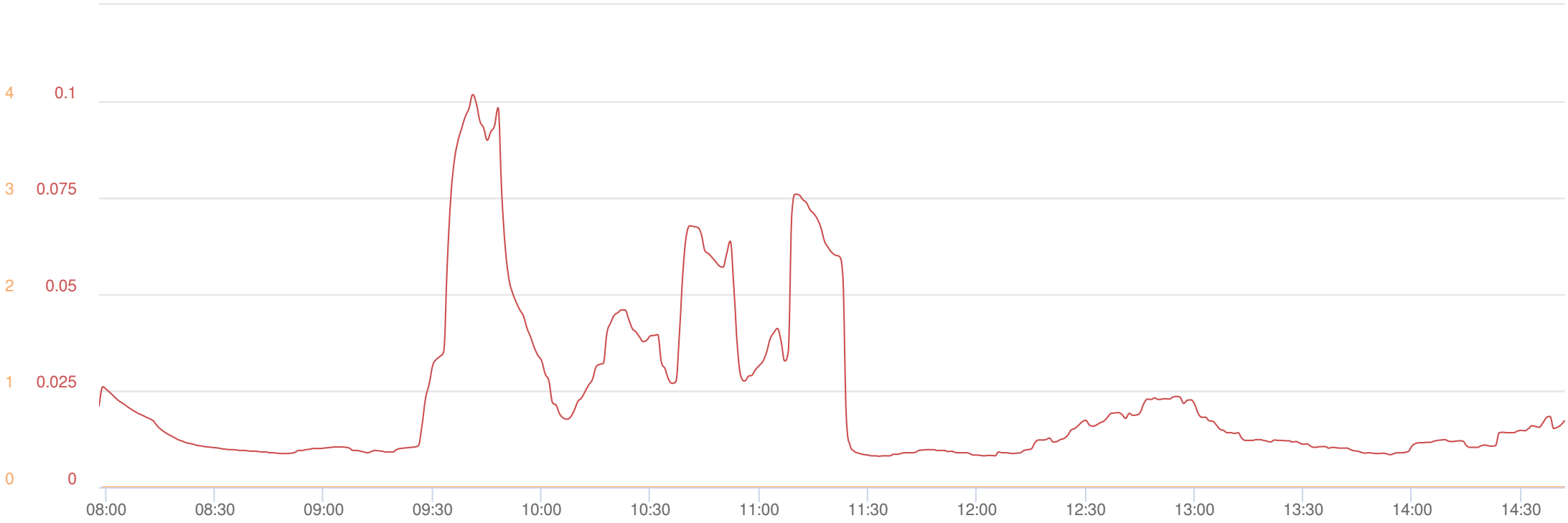
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1700 Main St, Buffalo, NY 14209, USA

© Netronix 2024

Tue, 12th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.008	0.0232	0.1017

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

© Netronix 2024

Wed, 13th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0289	**0.0419**	**0.0548**

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	**0**	**0**

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1700 Main St, Buffalo, NY 14209, USA

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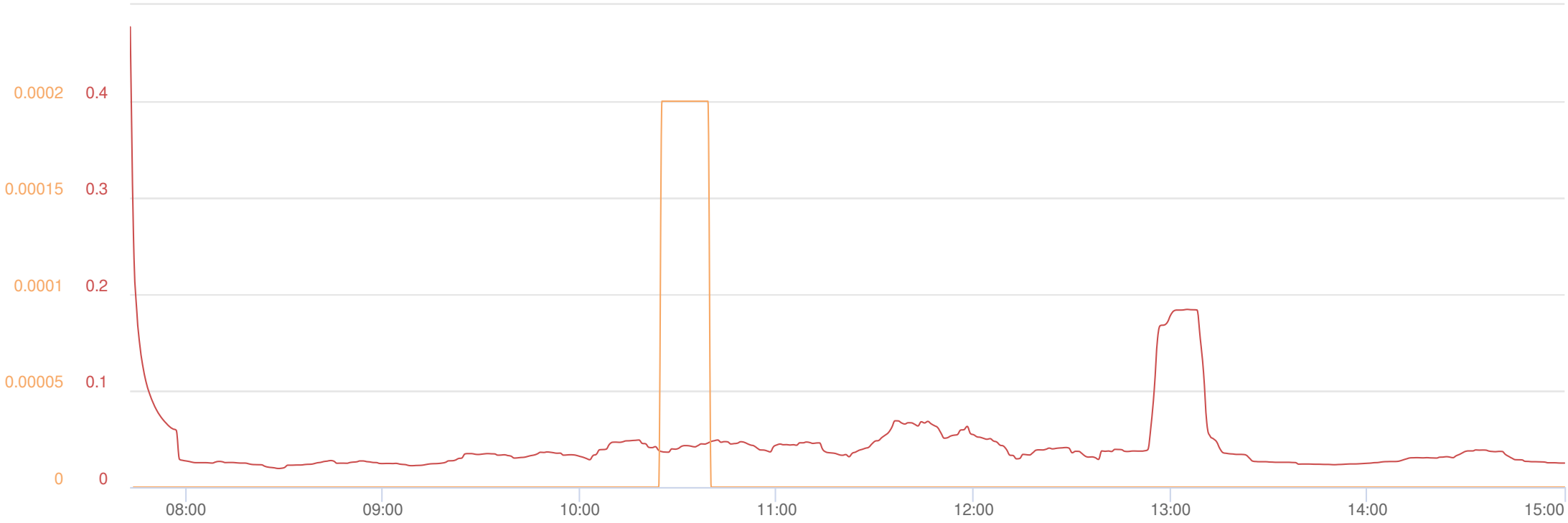
Wed, 13th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0193	0.0432	0.477

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0002

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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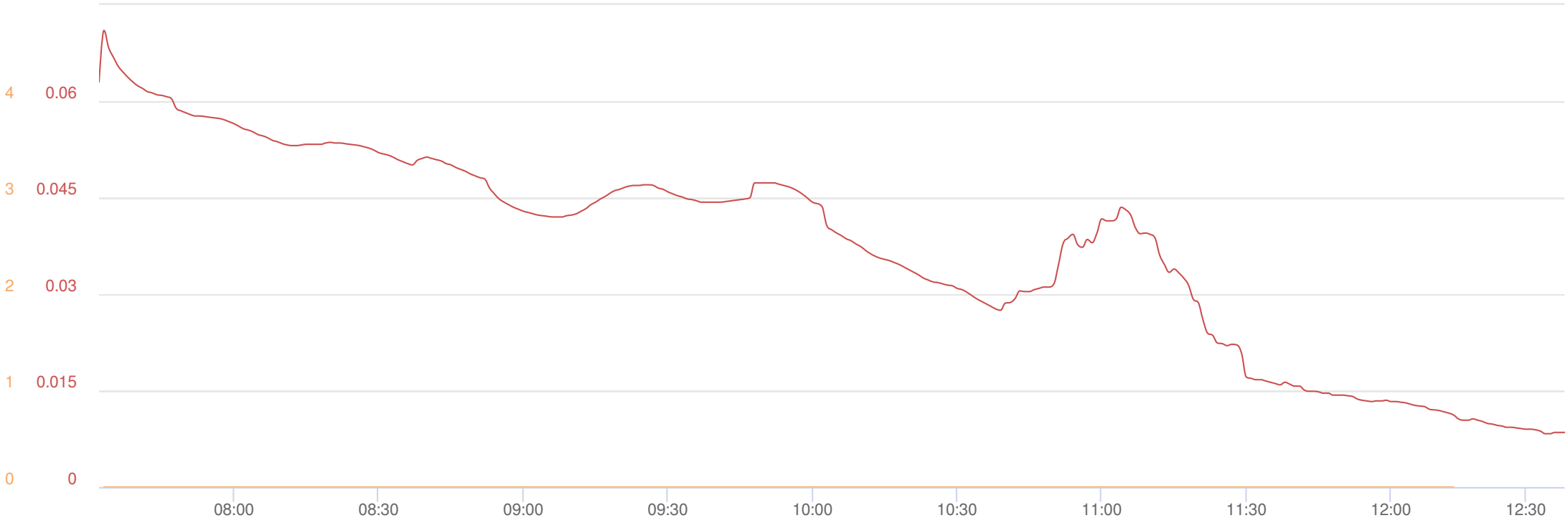
Thu, 14th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0083	0.0374	0.071

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1700 Main St, Buffalo, NY 14209, USA

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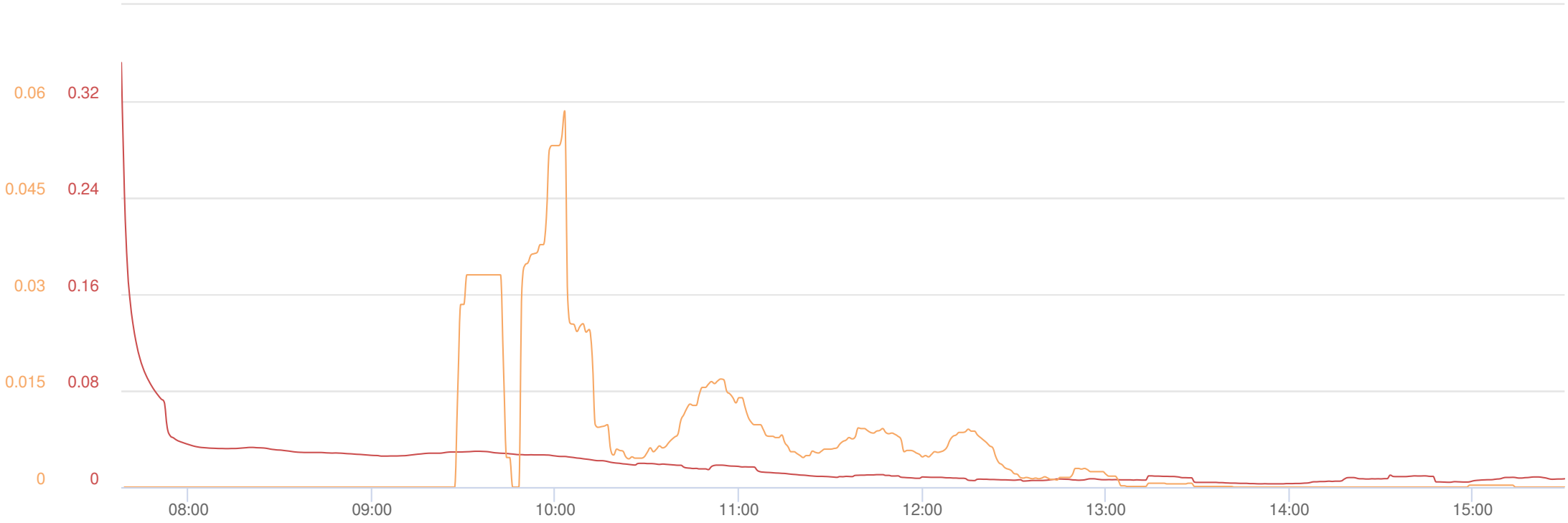
Thu, 14th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0027	0.0187	0.352

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0585

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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Fri, 15th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0019	0.0035	0.007

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1700 Main St, Buffalo, NY 14209, USA

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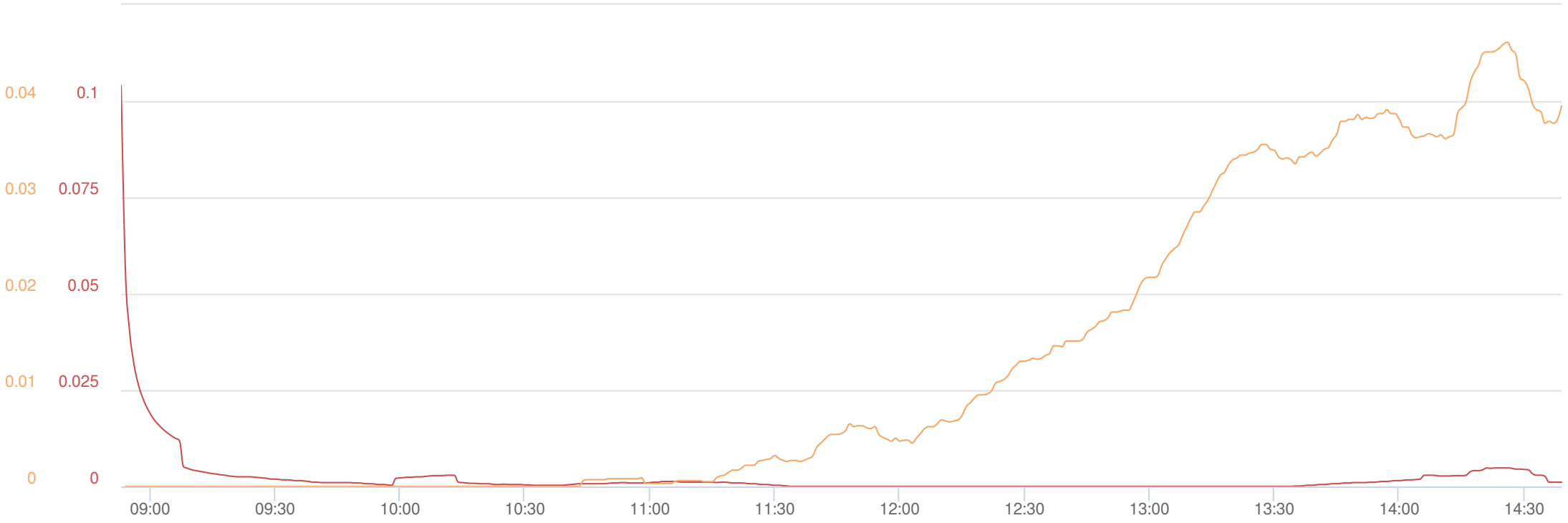
Fri, 15th of Mar 2024, 7:00:00 – 15:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0	0.0022	0.104

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0129	0.0461

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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Mon, 18th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0003	0.0031	0.0207

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1700 Main St, Buffalo, NY 14209, USA

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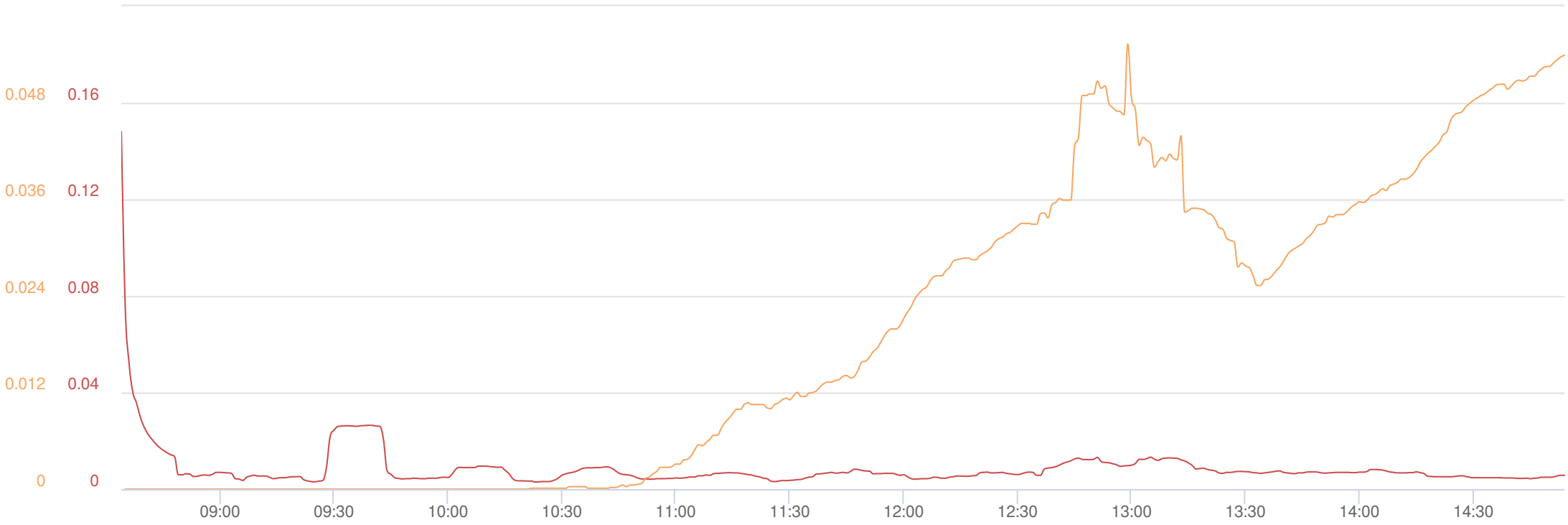
Mon, 18th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0029	0.0084	0.148

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0191	0.0553

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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Tue, 19th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0051	0.0132	0.0211

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1700 Main St, Buffalo, NY 14209, USA

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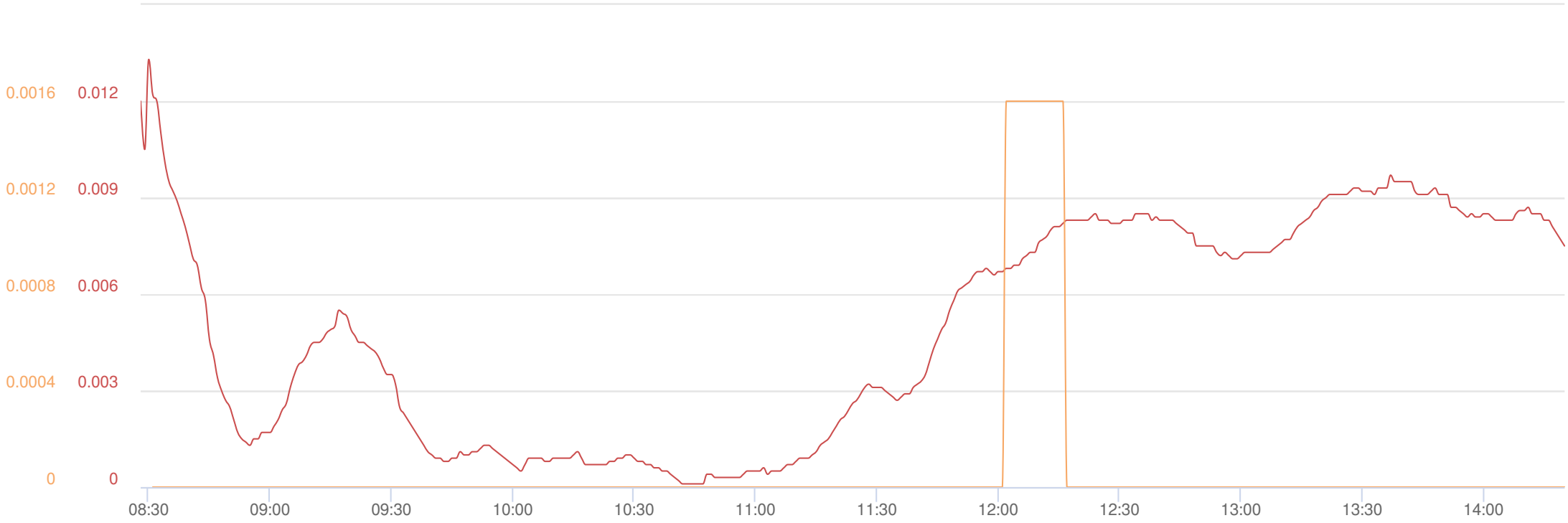
Tue, 19th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0001	0.0049	0.0133

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0016

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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Wed, 20th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0027	0.0045	0.0075

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1700 Main St, Buffalo, NY 14209, USA

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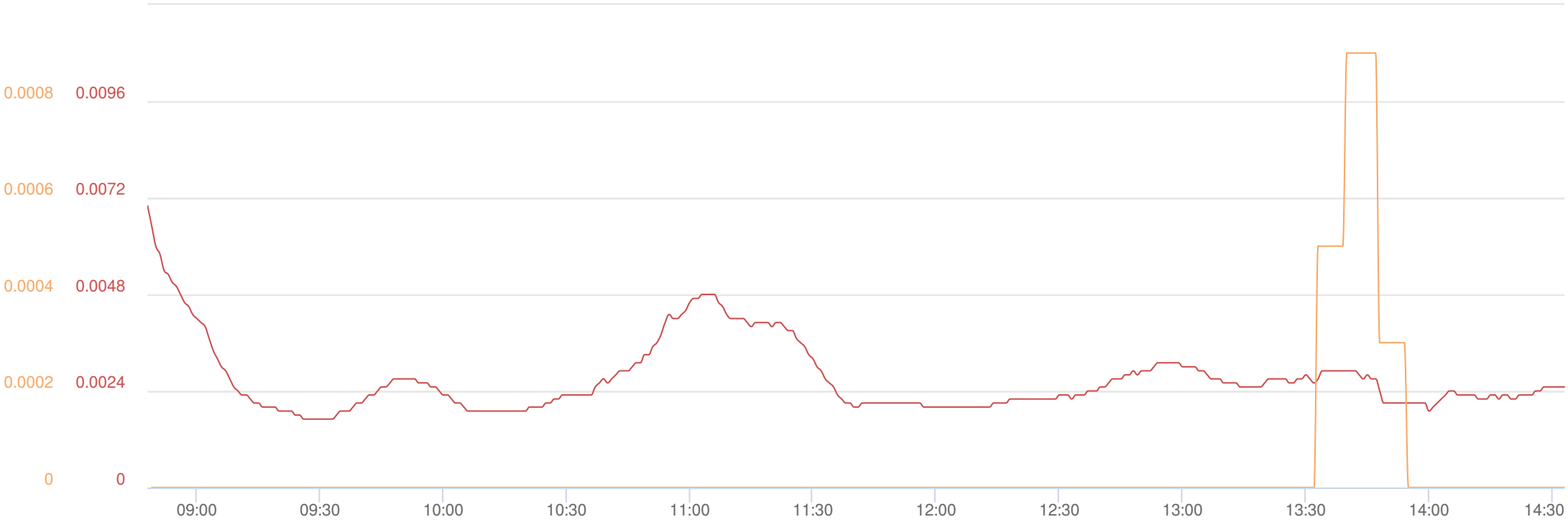
Wed, 20th of Mar 2024, 8:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0017	0.0027	0.007

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0009

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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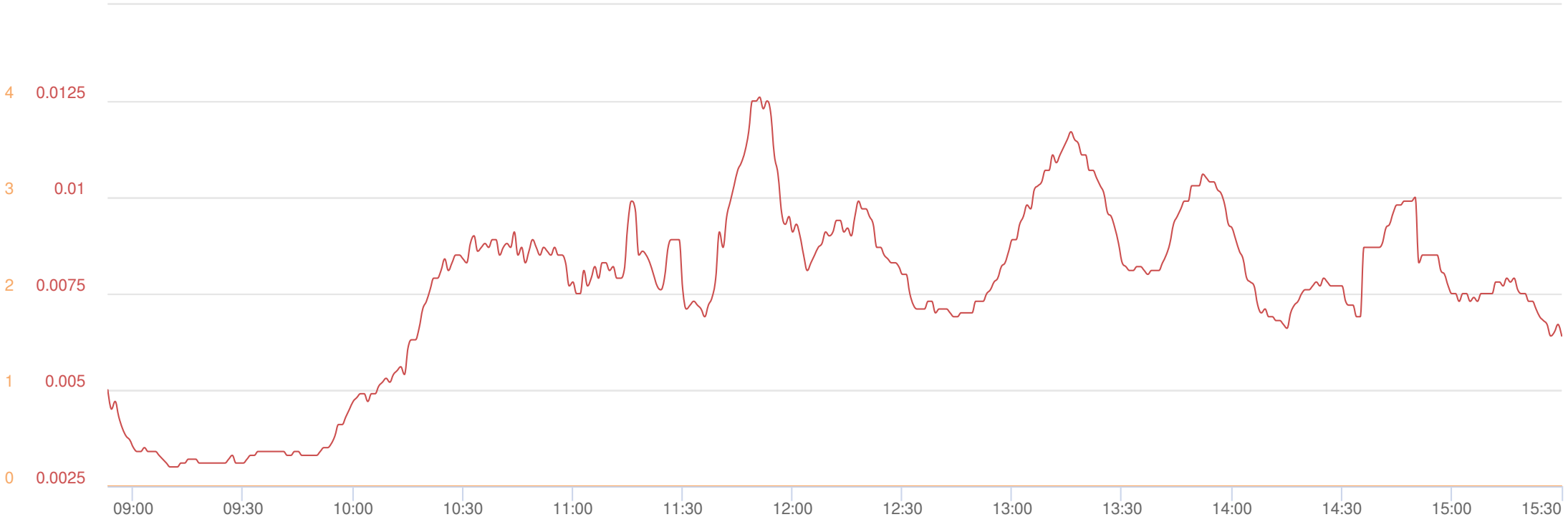
Thu, 21st of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.003	0.0076	0.0126

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1700 Main St, Buffalo, NY 14209, USA

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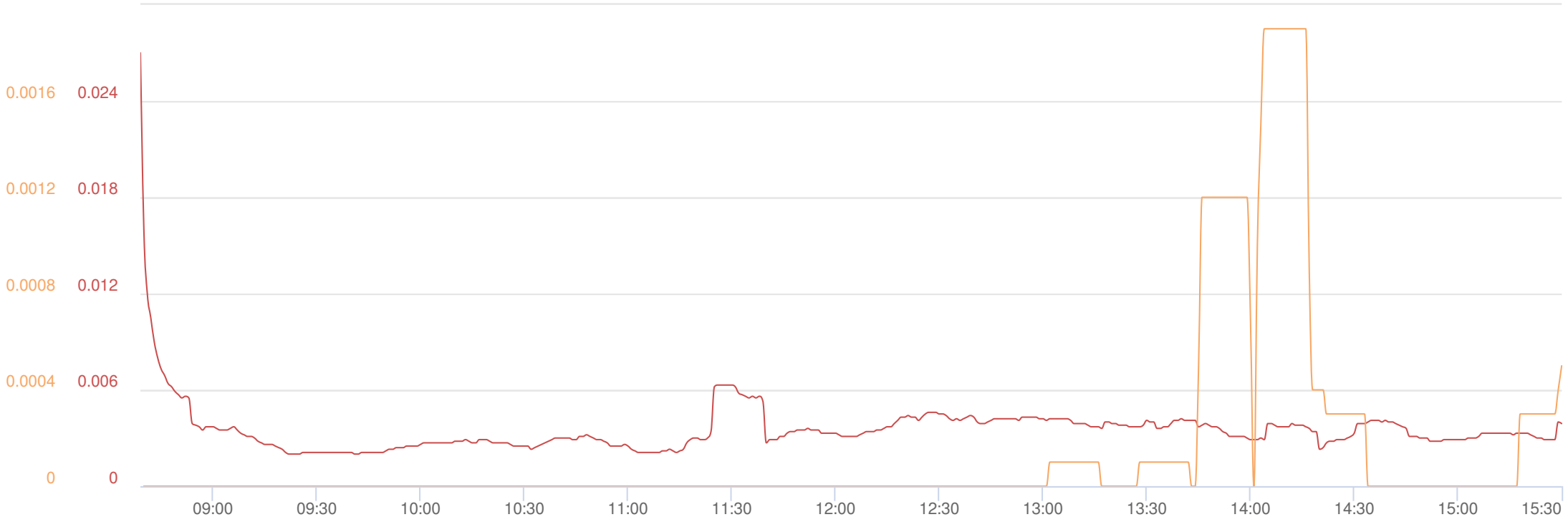
Thu, 21st of Mar 2024, 8:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.002	0.0035	0.027

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0001	0.0019

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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Fri, 22nd of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0037	0.0052	0.009

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1715 Main St, Buffalo, NY 14209, USA

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Fri, 22nd of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.005	0.0078	0.2

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.002	0.0135

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	1715 Main St, Buffalo, NY 14209, USA

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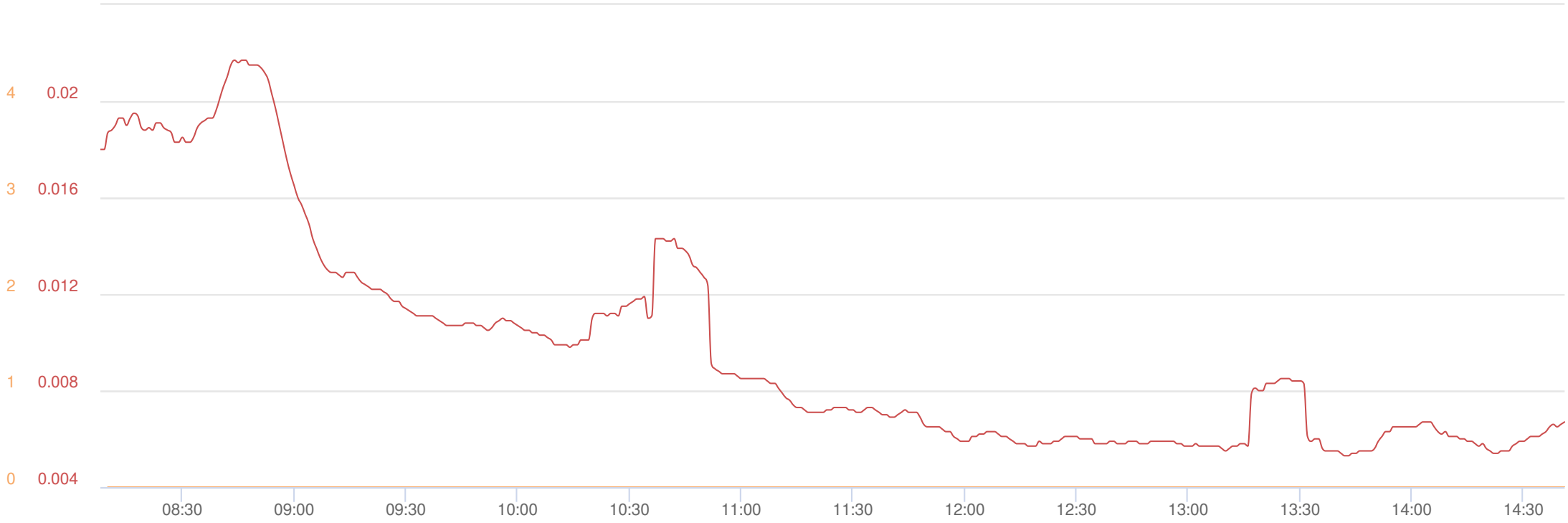
Mon, 25th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0053	0.0097	0.0217

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1700 Main St, Buffalo, NY 14209, USA

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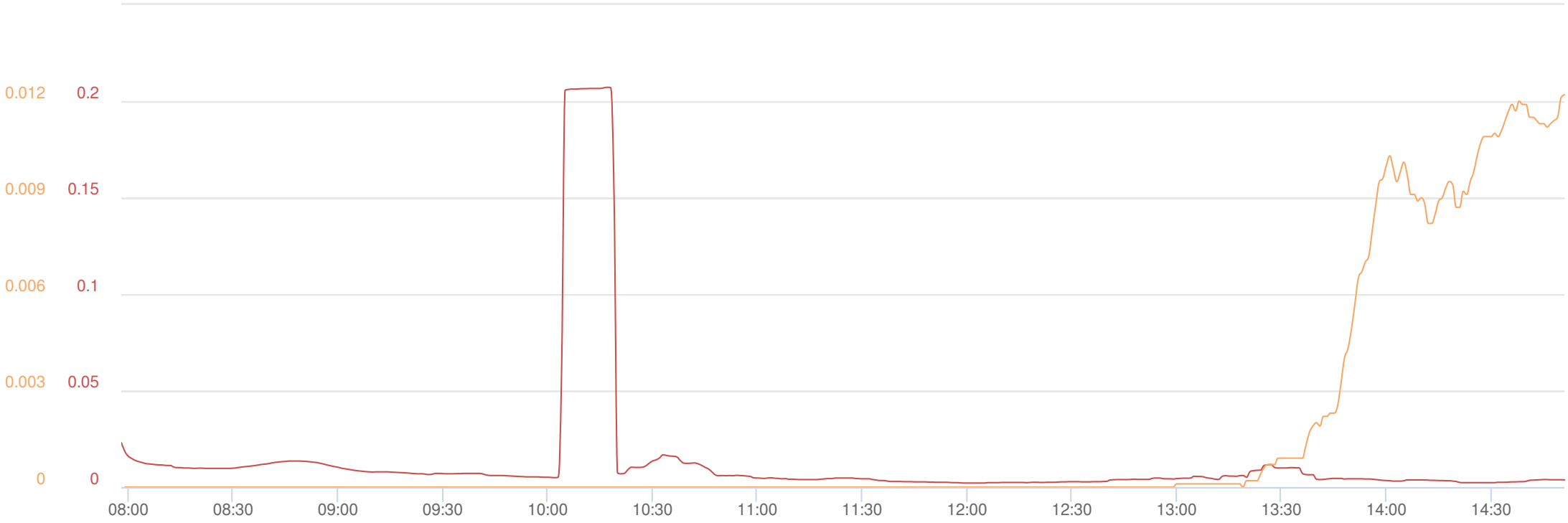
Mon, 25th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0021	0.0136	0.2072

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0016	0.0121

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	31 E Balcom St, Buffalo, NY 14209, USA

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Tue, 26th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0049	0.0133	0.487

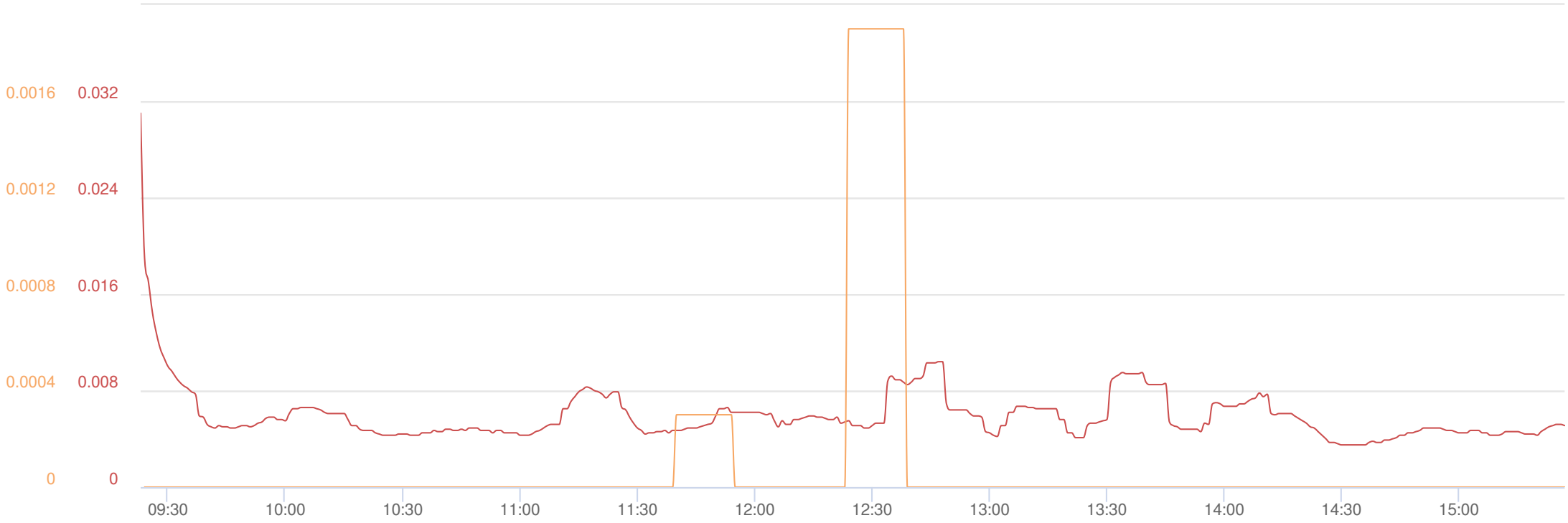
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1700 Main St, Buffalo, NY 14209, USA

© Netronix 2024

Tue, 26th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0035	0.0059	0.031

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0019

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	31 E Balcom St, Buffalo, NY 14209, USA

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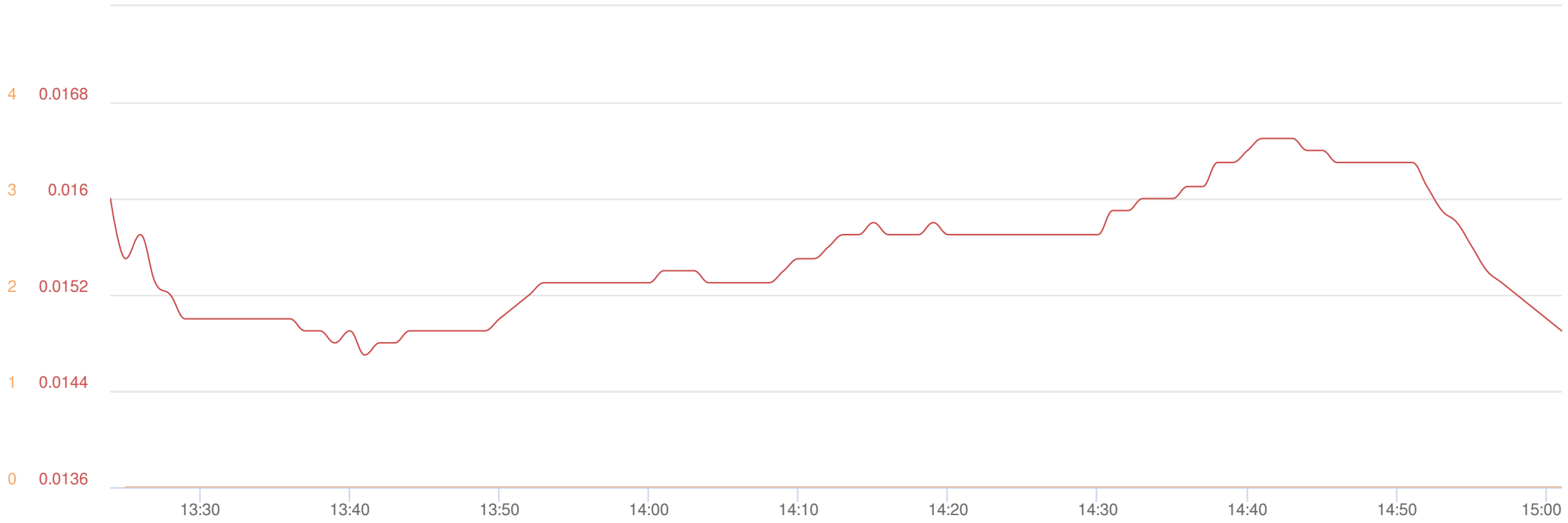
Wed, 27th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0147	0.0155	0.0165

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1700 Main St, Buffalo, NY 14209, USA

© Netronix 2024

Wed, 27th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0026	0.012	0.034

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0001

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	31 E Balcom St, Buffalo, NY 14209, USA

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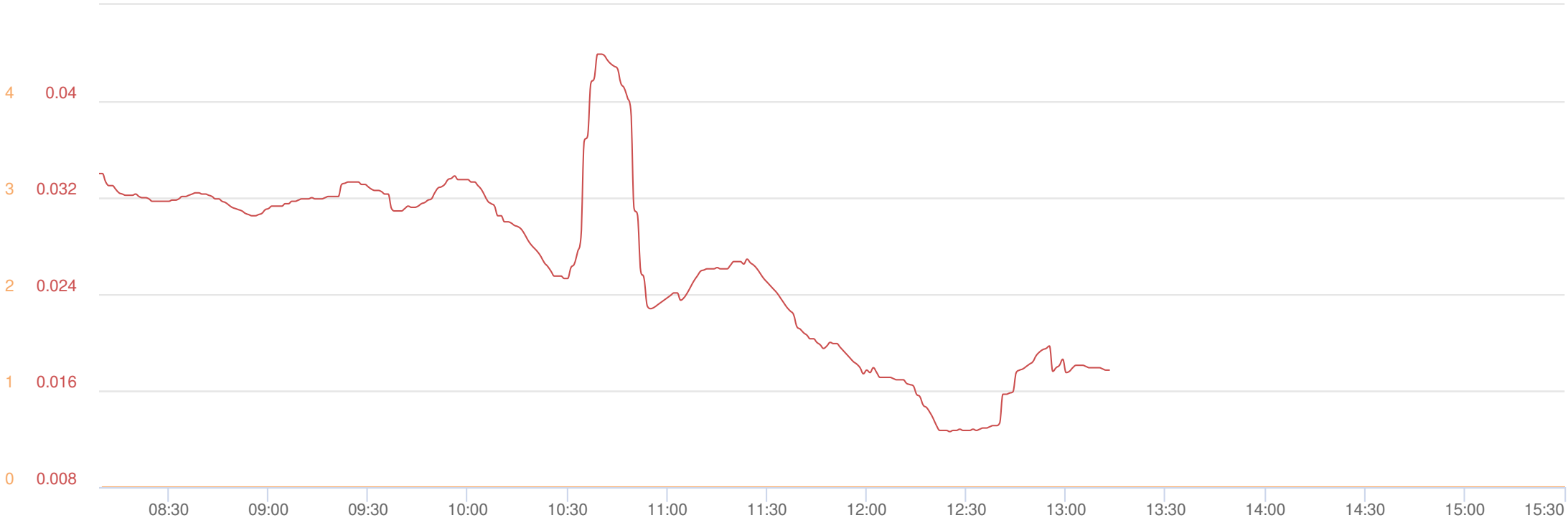
Thu, 28th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0126	0.0263	0.0439

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP Station #3
S/N	0B466411
Description	CAMP Station #3
Location	1700 Main St, Buffalo, NY 14209, USA

© Netronix 2024

Thu, 28th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0116	0.0207	0.067

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	31 E Balcom St, Buffalo, NY 14209, USA

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Fri, 29th of Mar 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0	0.0032	0.053

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0001

Name	CAMP #8
S/N	0B174131
Description	CAMP Station #8
Location	31 E Balcom St, Buffalo, NY 14209, USA

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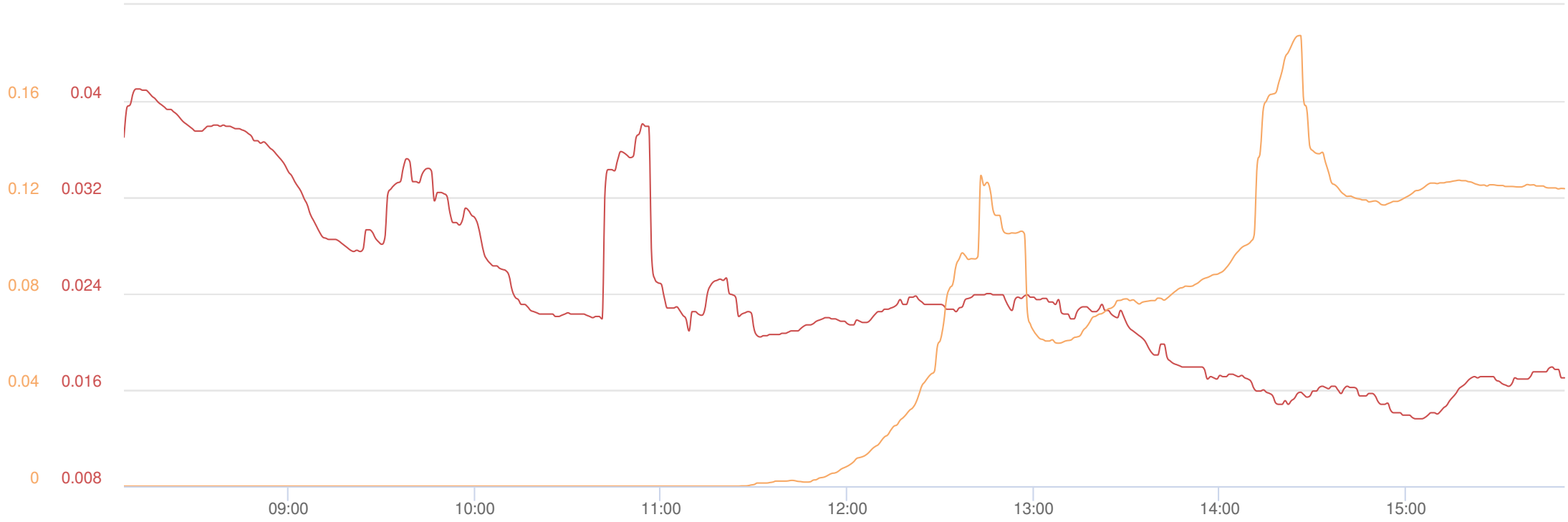
Wed, 10th of Apr 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0136	0.0242	0.041

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0483	0.1872

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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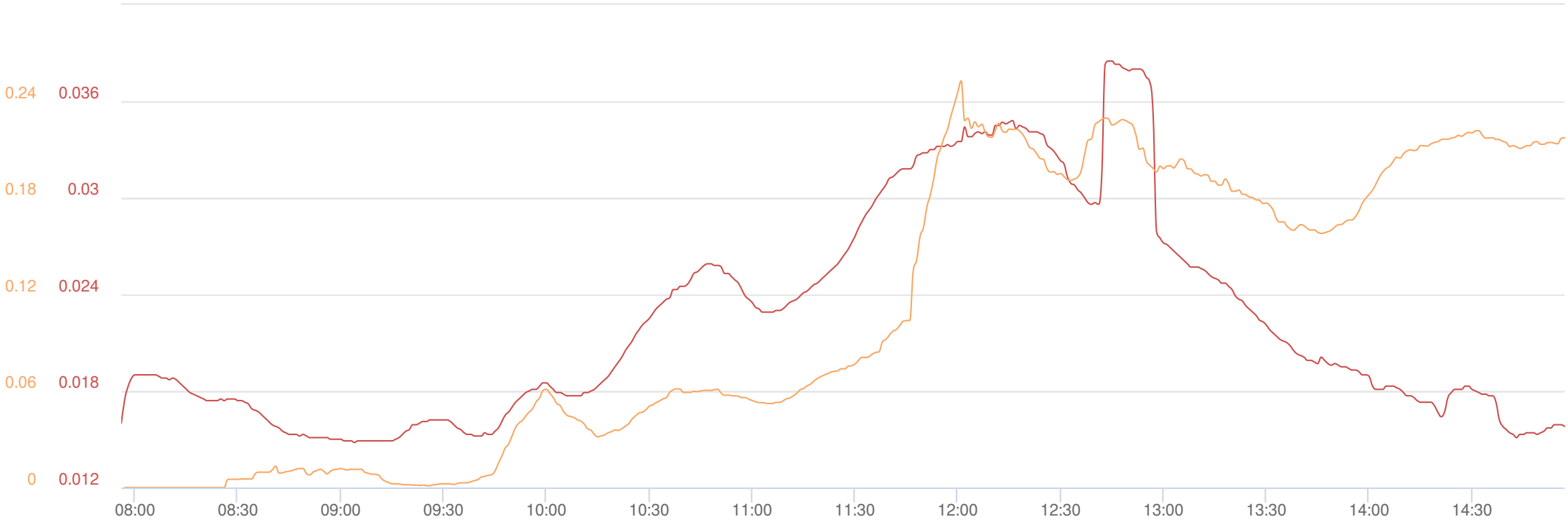
Thu, 11th of Apr 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0148	0.0223	0.0385

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.1085	0.2527

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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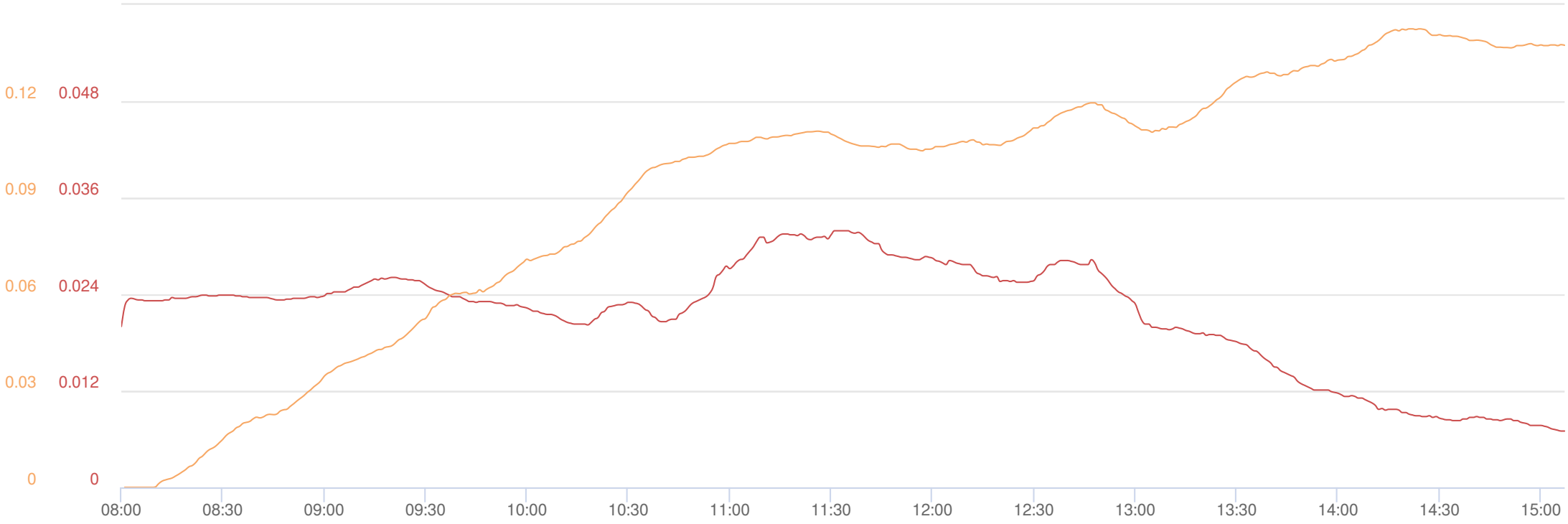
Mon, 15th of Apr 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.007	0.0216	0.0319

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0918	0.1425

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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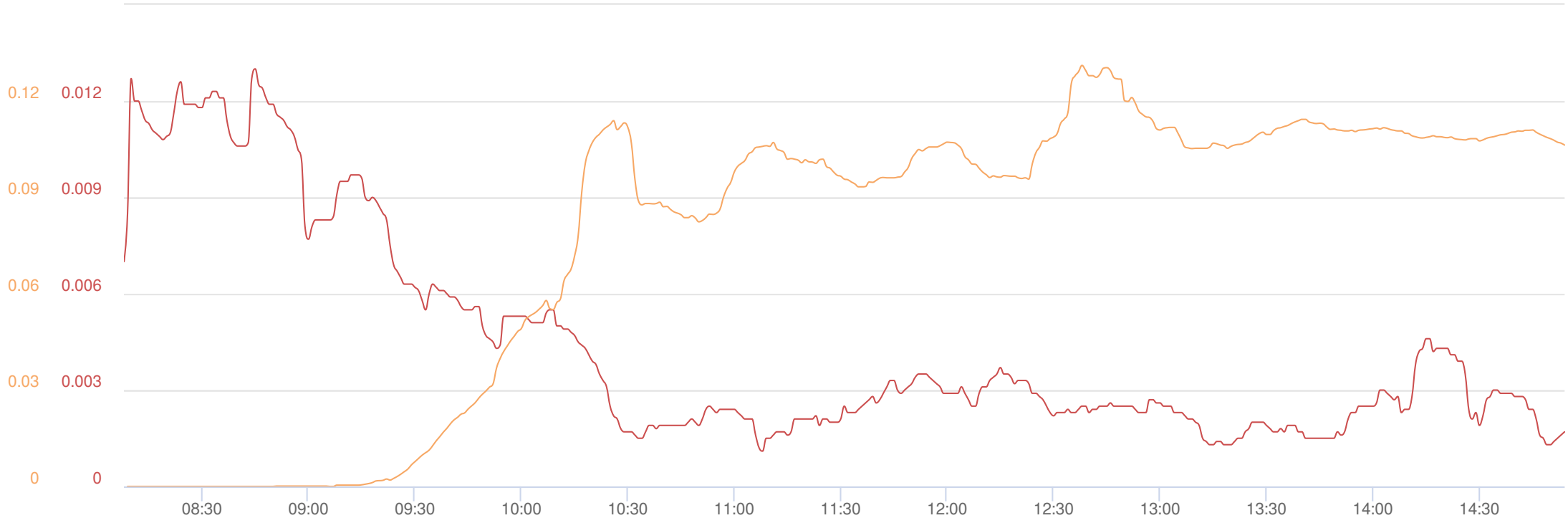
Tue, 16th of Apr 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0011	0.0044	0.013

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0767	0.1311

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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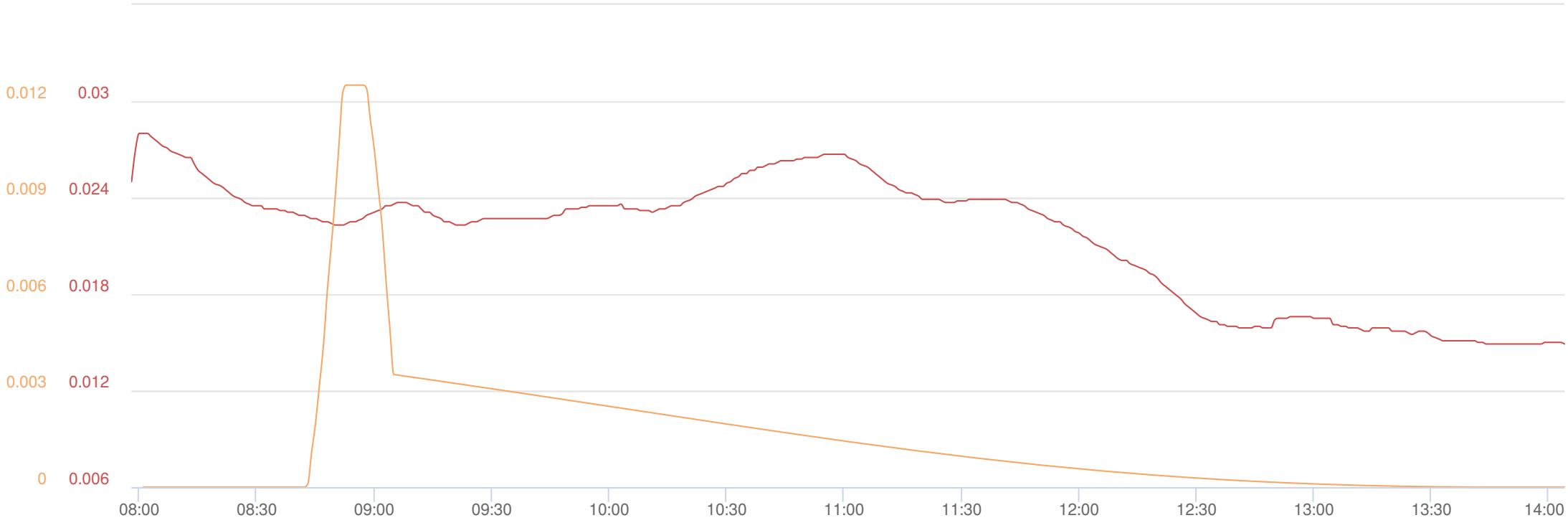
Thu, 18th of Apr 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0149	0.022	0.028

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0125

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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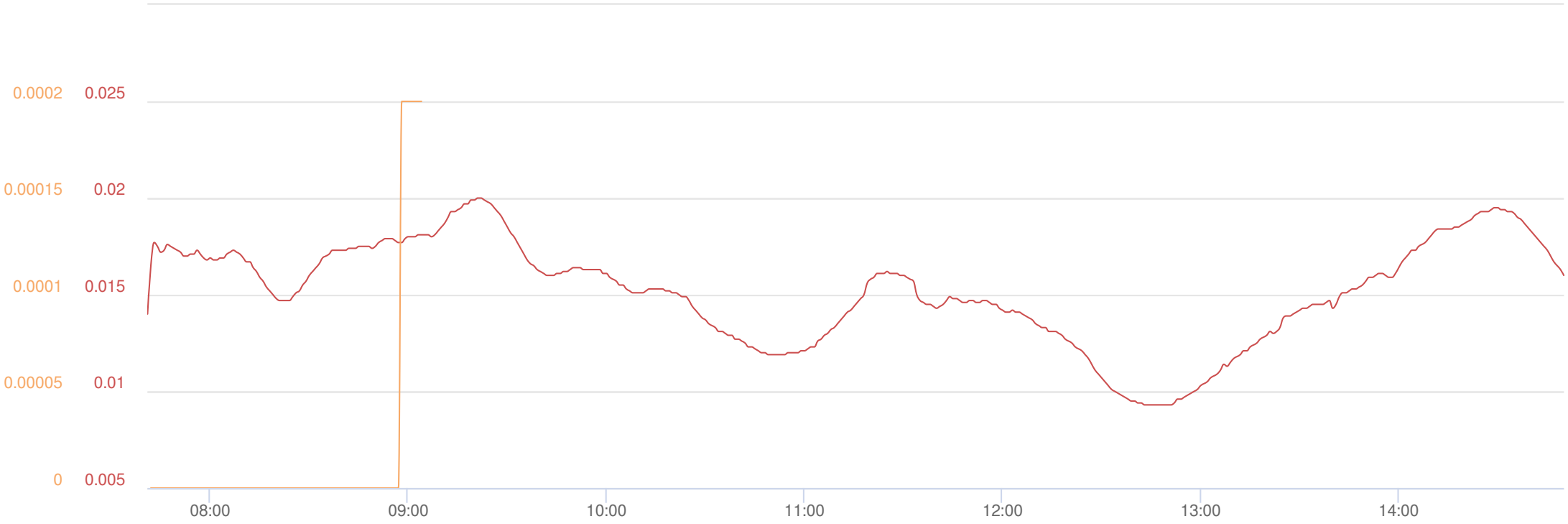
Fri, 19th of Apr 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0093	0.0152	0.02

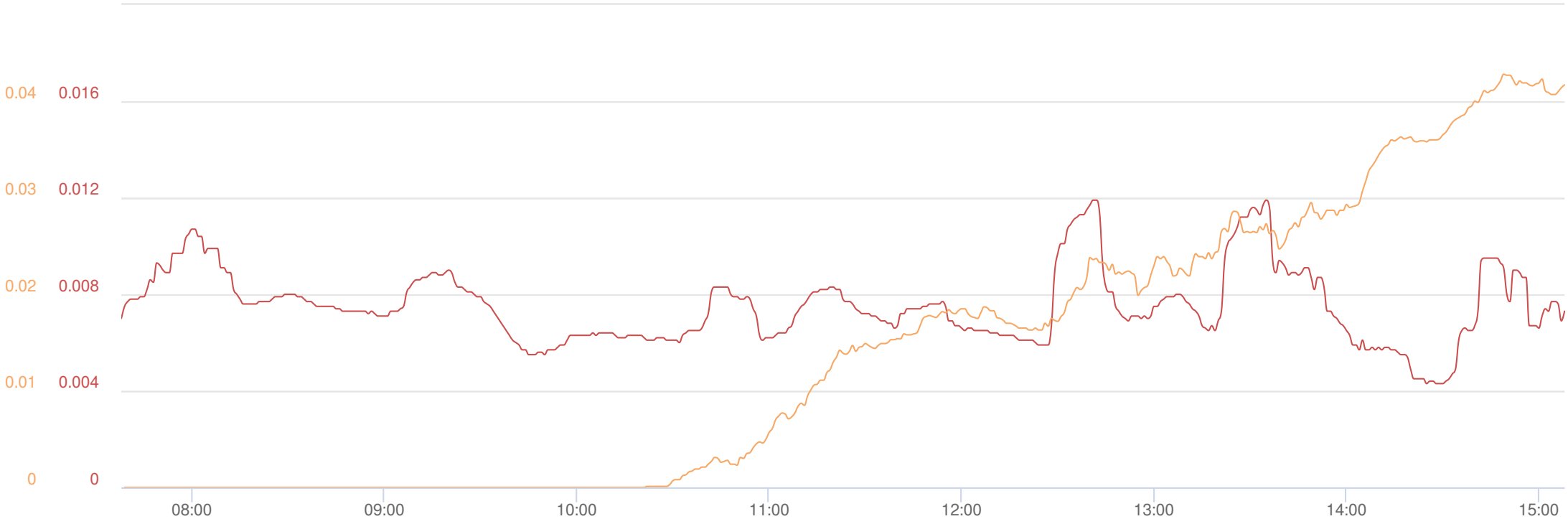
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0002

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

© Netronix 2024

Mon, 22nd of Apr 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0043	0.0075	0.0119

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0137	0.0428

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

© Netronix 2024

Tue, 23rd of Apr 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0109	0.0187	0.0389

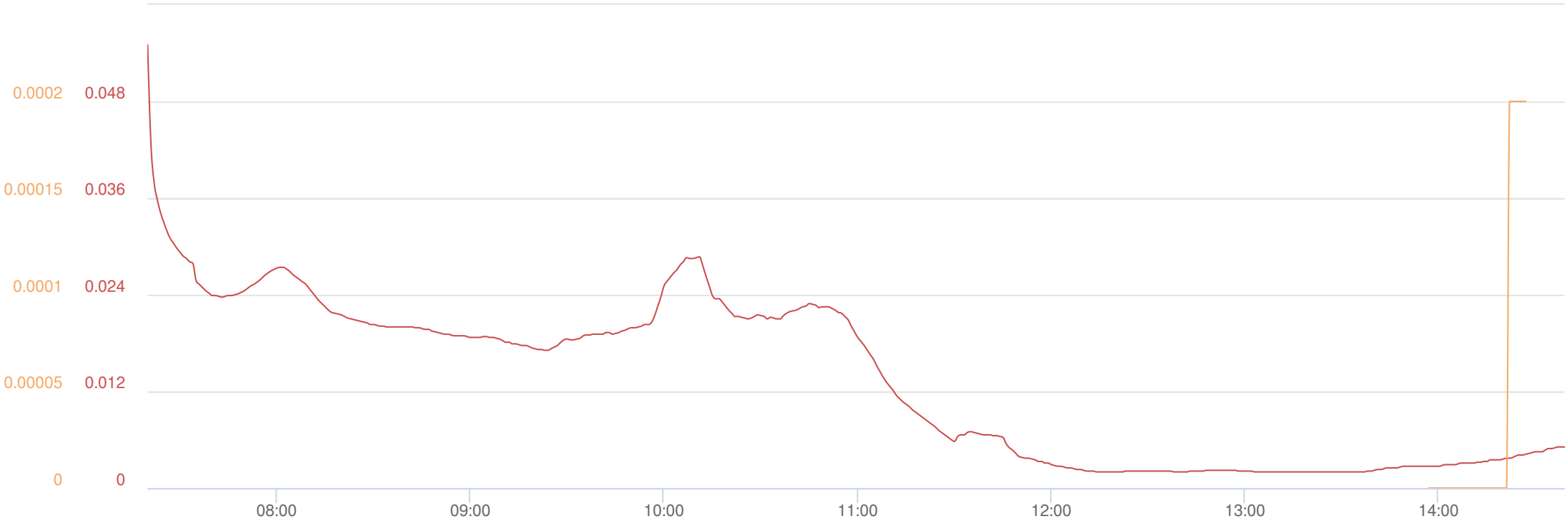
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0023	0.0185

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

© Netronix 2024

Wed, 24th of Apr 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.002	0.0133	0.055

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0002

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

© Netronix 2024

Thu, 25th of Apr 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0	0.0095	0.0293

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0015	0.0138

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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Fri, 26th of Apr 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0008	0.0046	0.011

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0002	0.0009

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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Mon, 29th of Apr 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0001	0.0208	0.0917

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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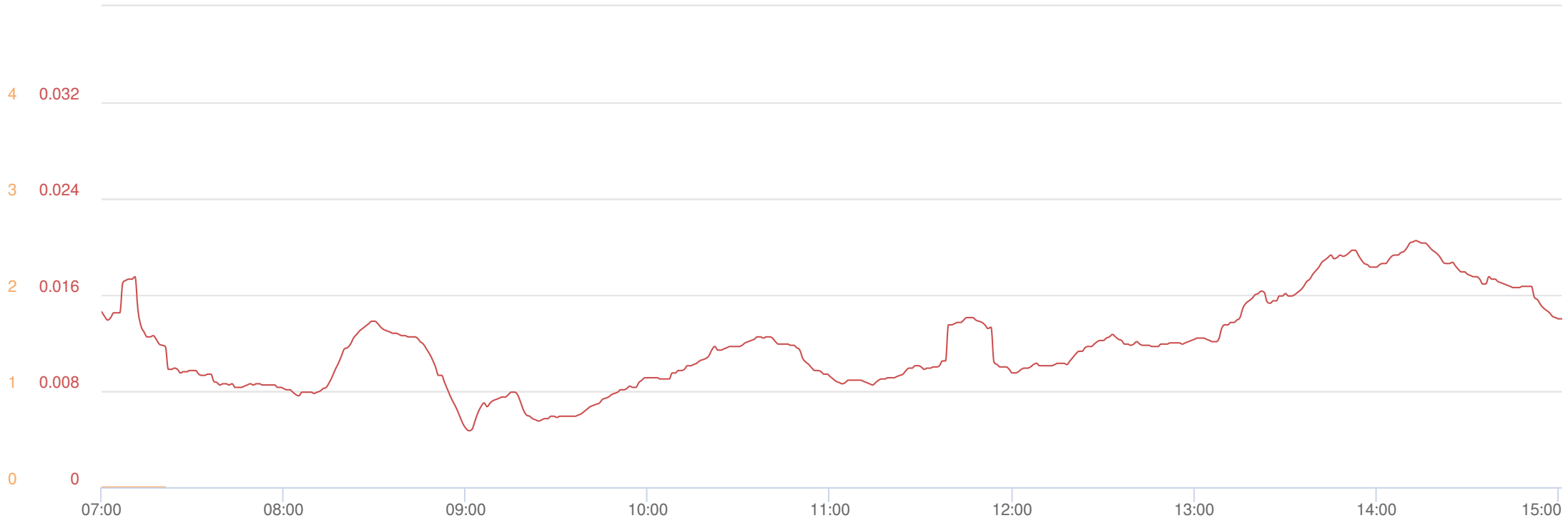
Tue, 30th of Apr 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0047	0.0118	0.0205

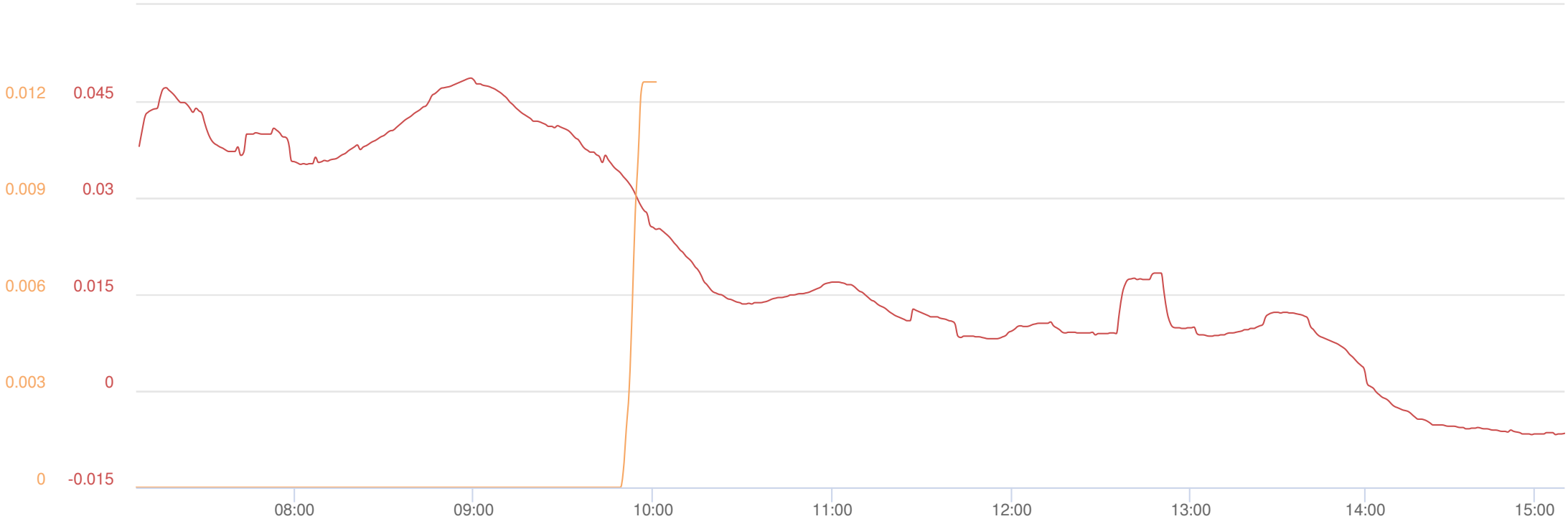
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

© Netronix 2024

Wed, 1st of May 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
-0.0068	0.0201	0.0486

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0006	0.0126

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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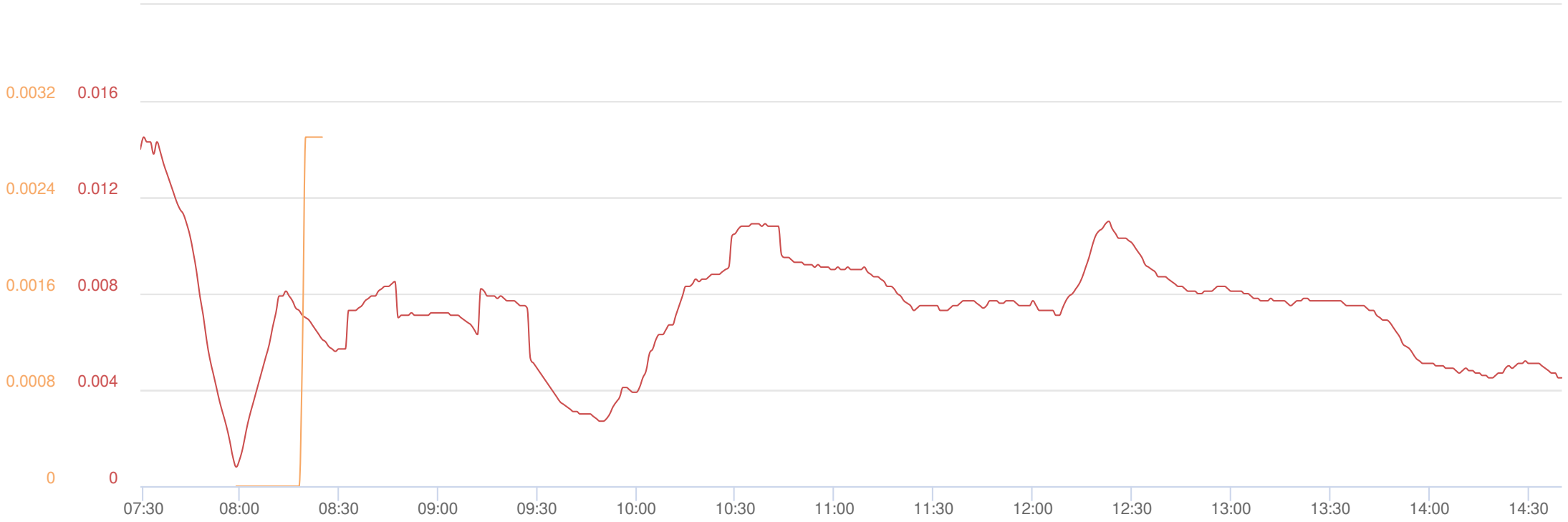
Thu, 2nd of May 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0008	0.0073	0.0145

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0007	0.0029

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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Fri, 3rd of May 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0042	0.0079	0.0198

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0008	0.0131

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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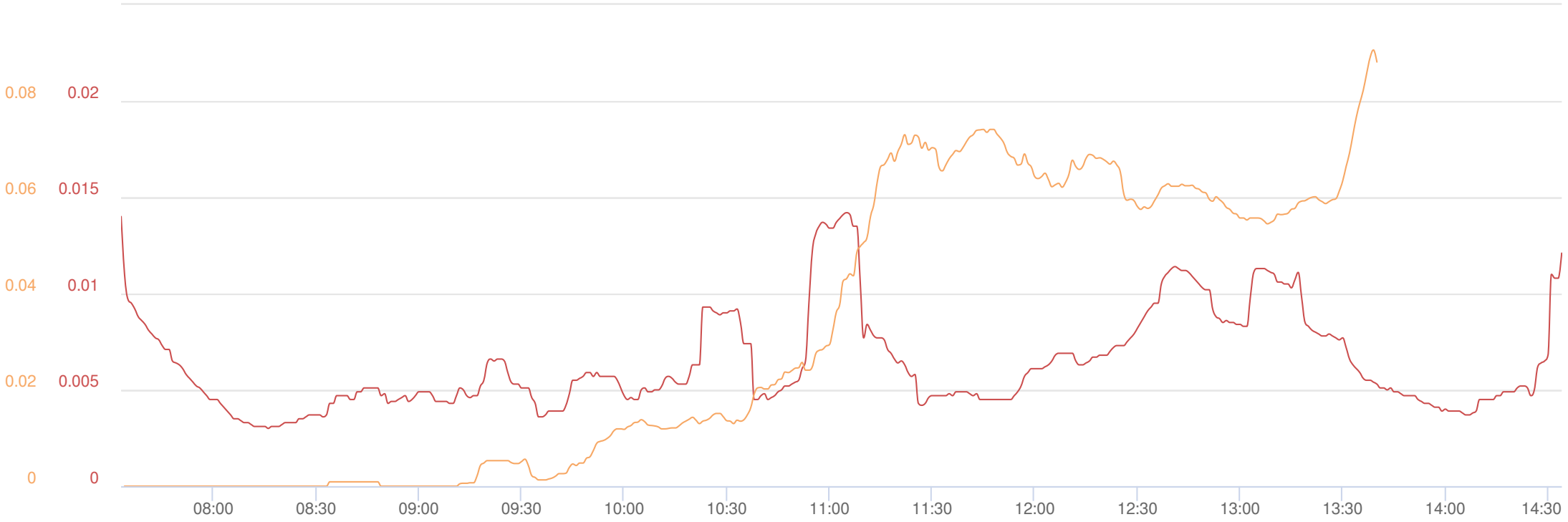
Mon, 6th of May 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.003	0.0064	0.0142

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0312	0.0906

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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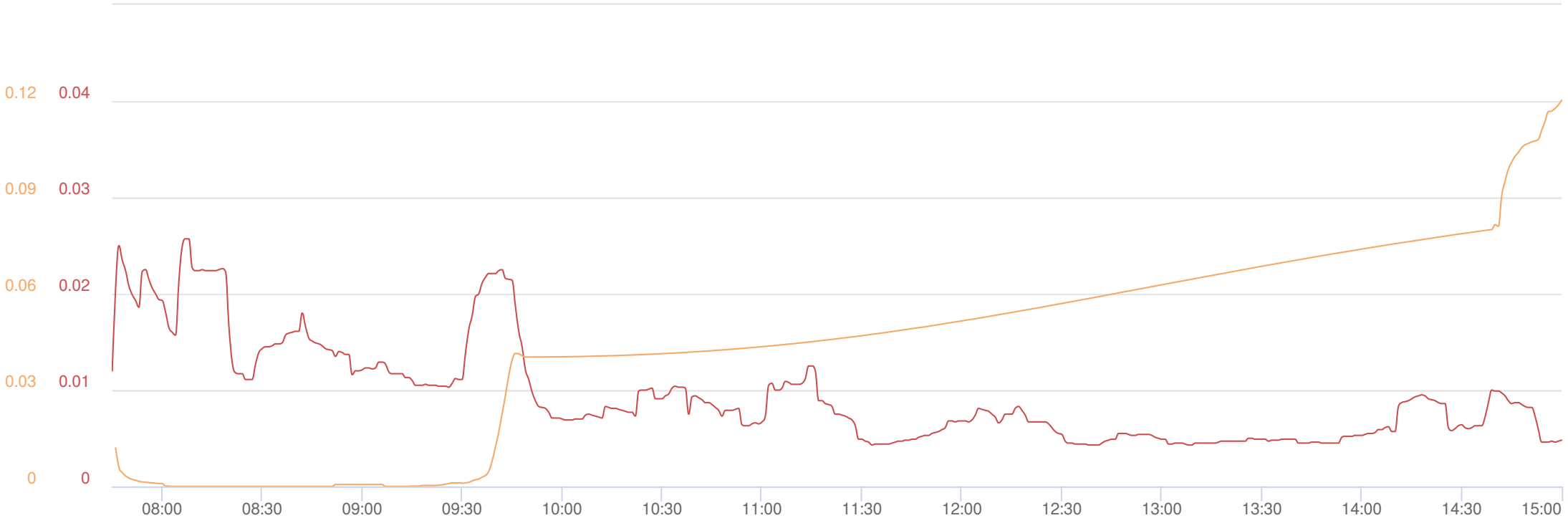
Tue, 7th of May 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0043	0.0094	0.0257

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0178	0.1188

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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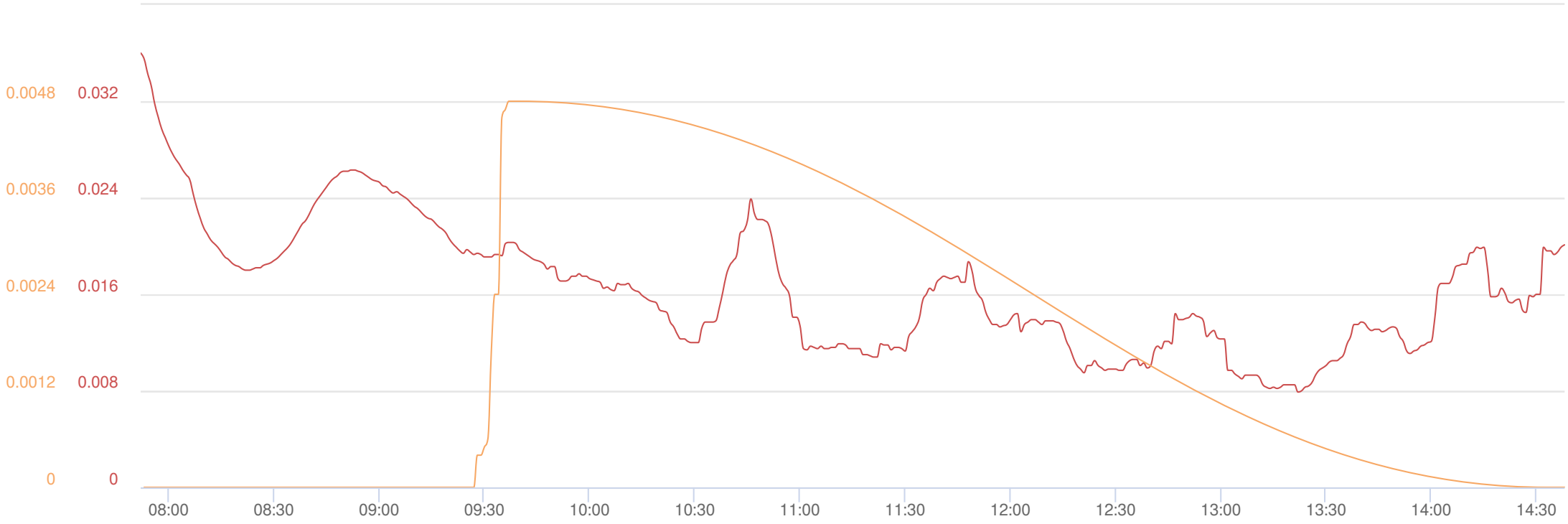
Wed, 8th of May 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0079	0.0164	0.036

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0048

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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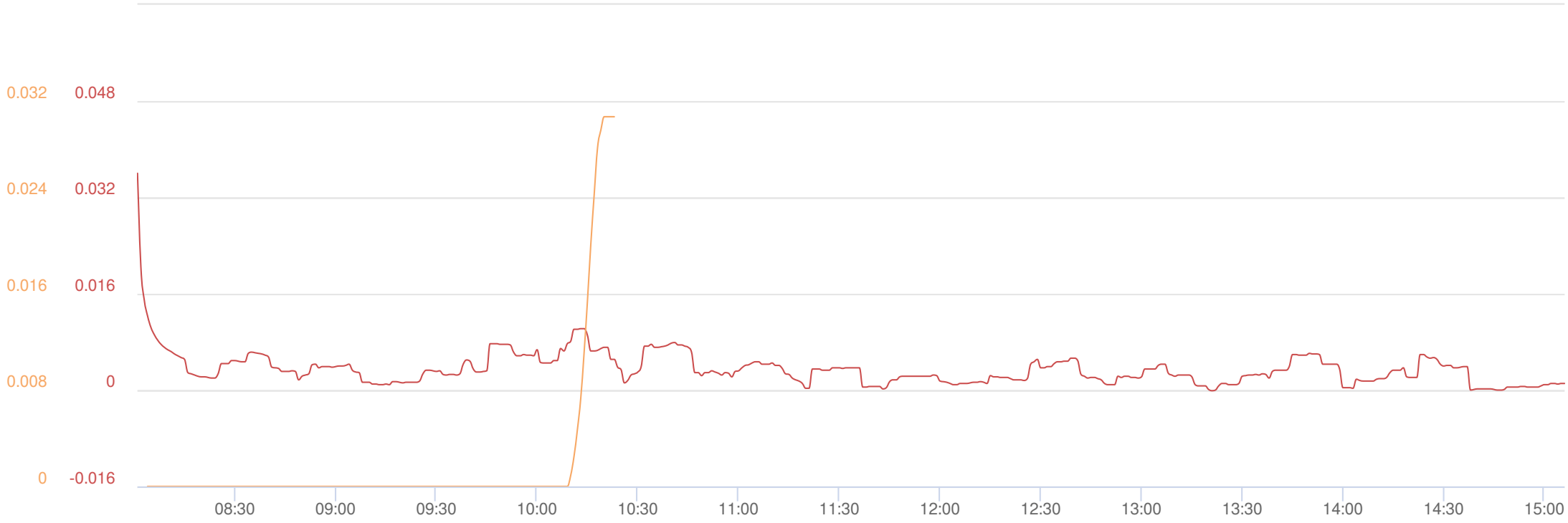
Thu, 9th of May 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
-0.0001	0.0035	0.036

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0019	0.0307

Name Roux Buffalo #2 (FA05348)
S/N 2B018856
Description FA05348
Location 1700 Main St, Buffalo, NY 14209, USA

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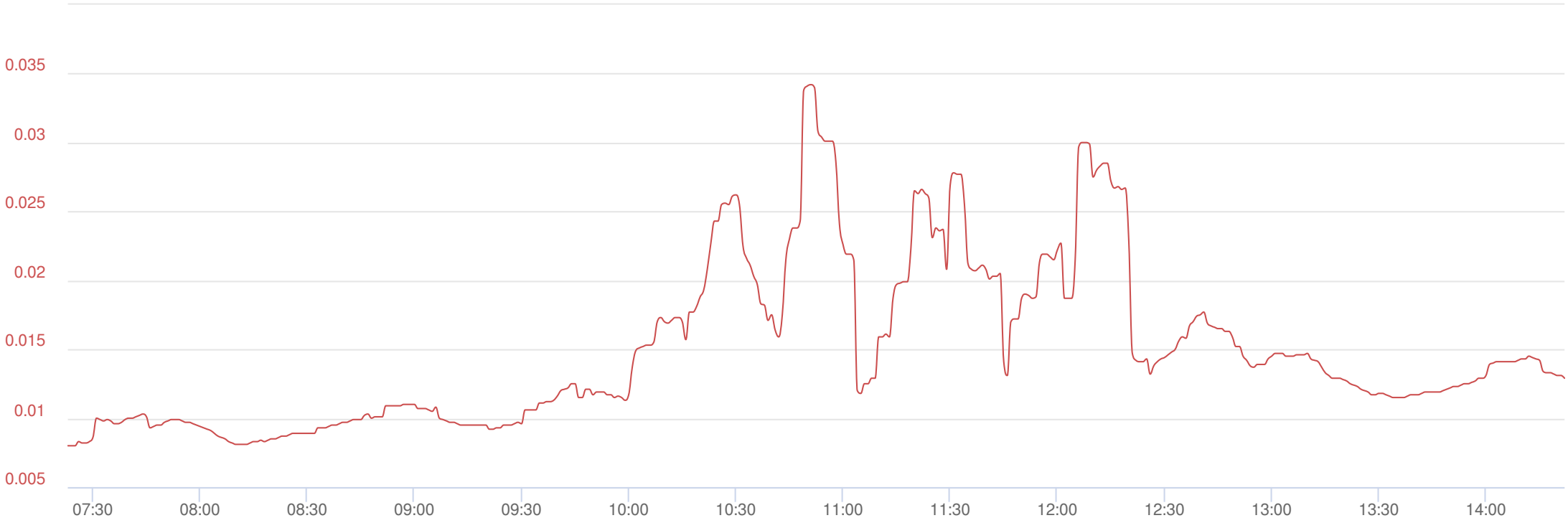
Mon, 13th of May 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.008	**0.0149**	**0.0342**

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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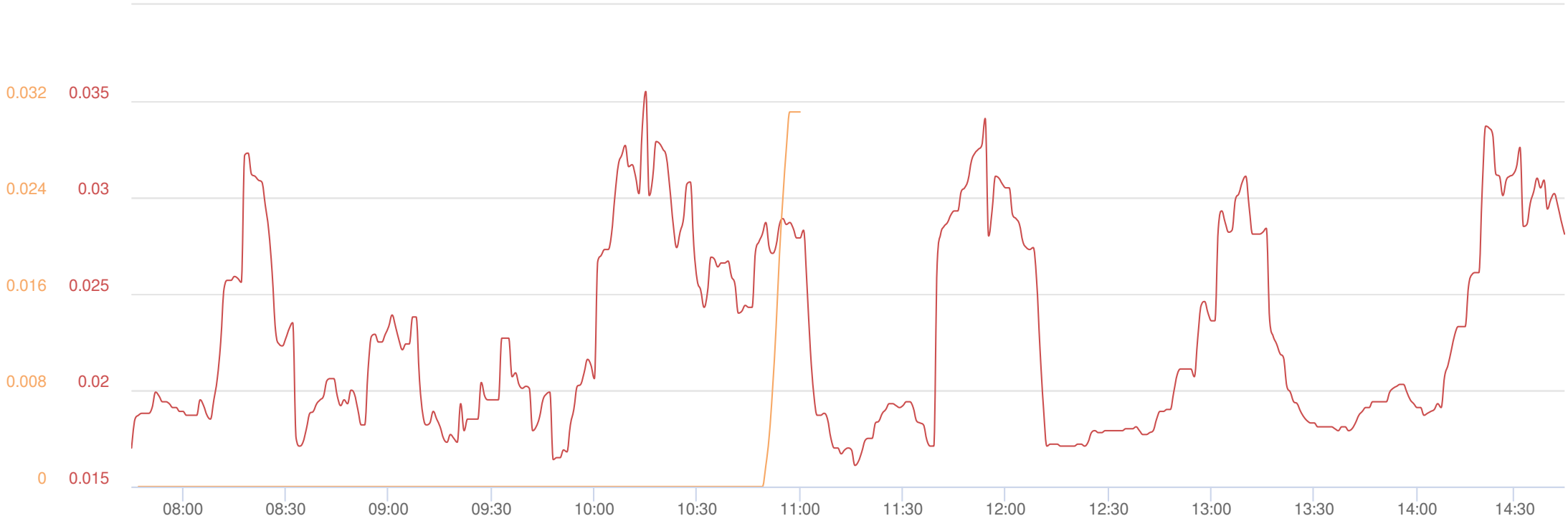
Tue, 14th of May 2024, 7:00:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0161	0.0228	0.0355

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0011	0.0311

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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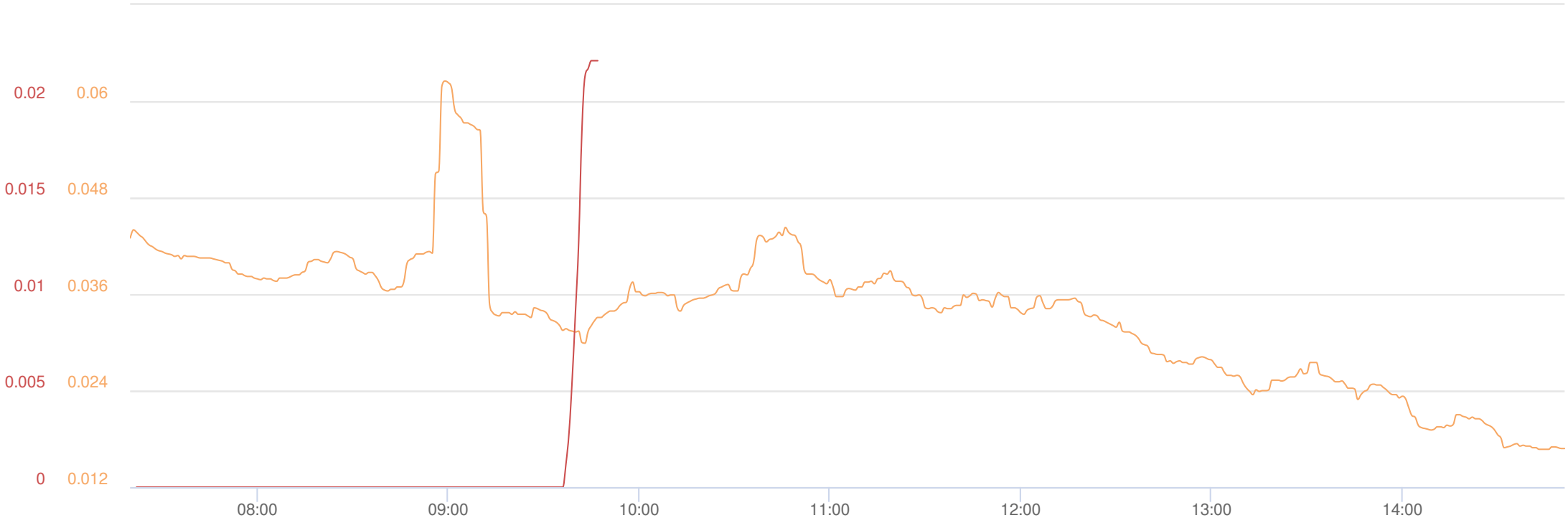
Wed, 15th of May 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0167	0.0336	0.0625

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0011	0.0221

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	27 E Balcom St, Buffalo, NY 14209, USA

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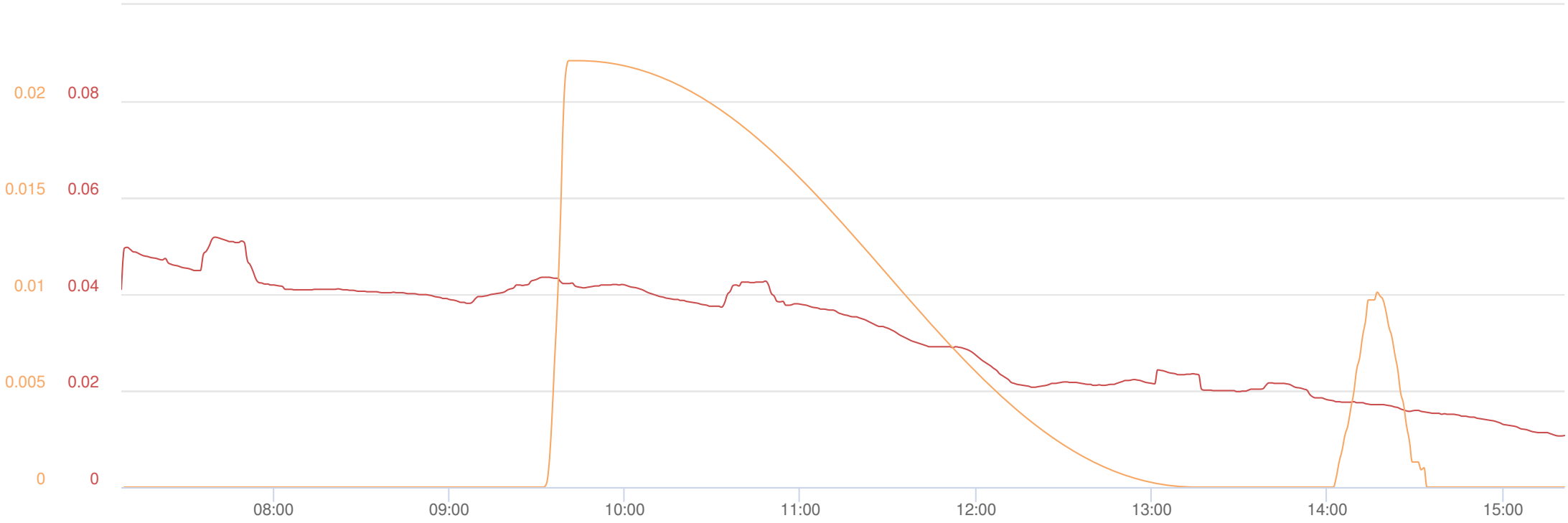
Thu, 16th of May 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0106	0.0315	0.0518

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0221

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	27 E Balcom St, Buffalo, NY 14209, USA

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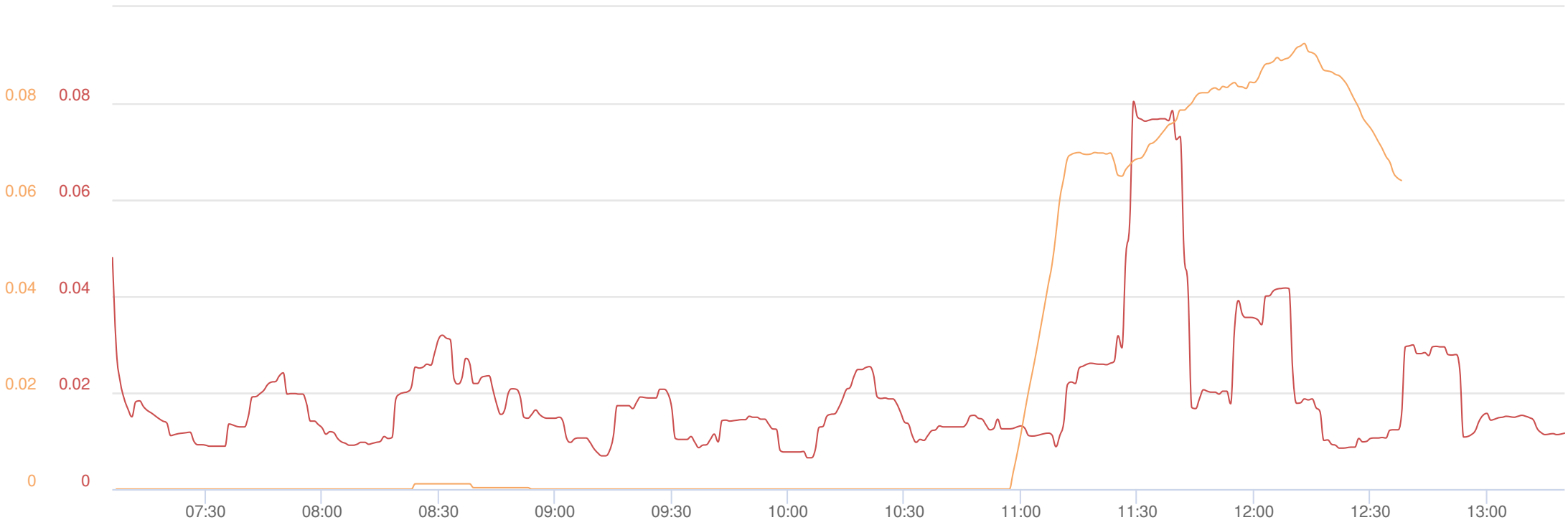
Fri, 17th of May 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0065	0.0194	0.0804

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0219	0.0924

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	27 E Balcom St, Buffalo, NY 14209, USA

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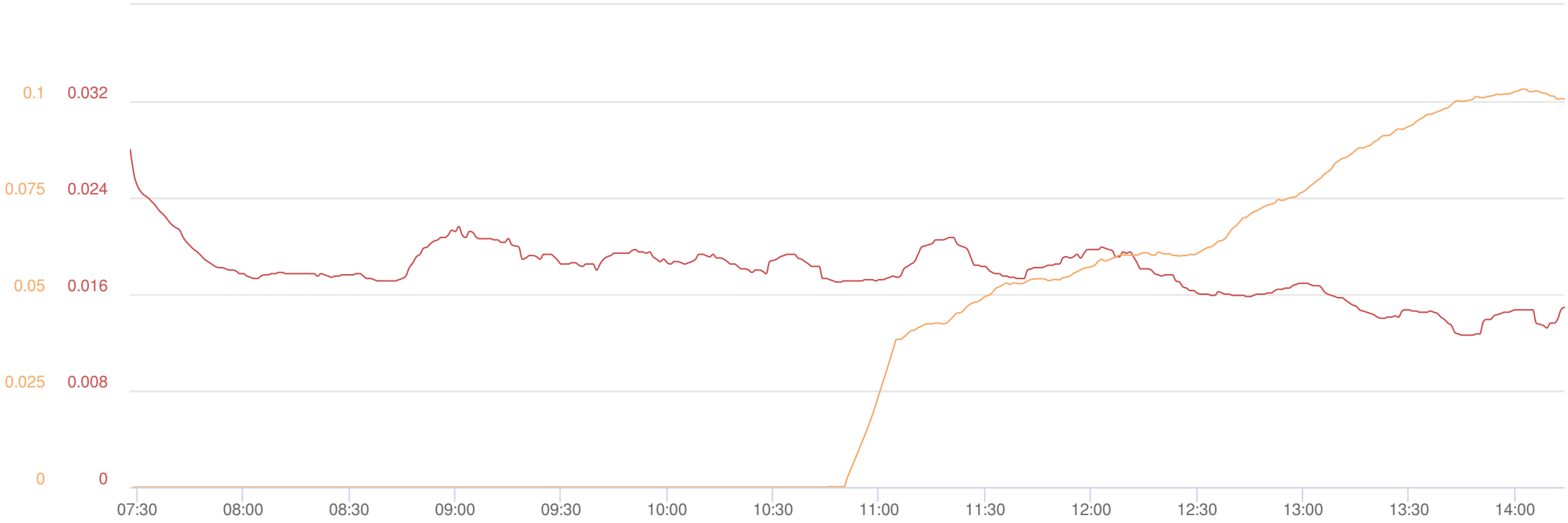
Mon, 20th of May 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0126	0.0178	0.028

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.034	0.1031

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	27 E Balcom St, Buffalo, NY 14209, USA

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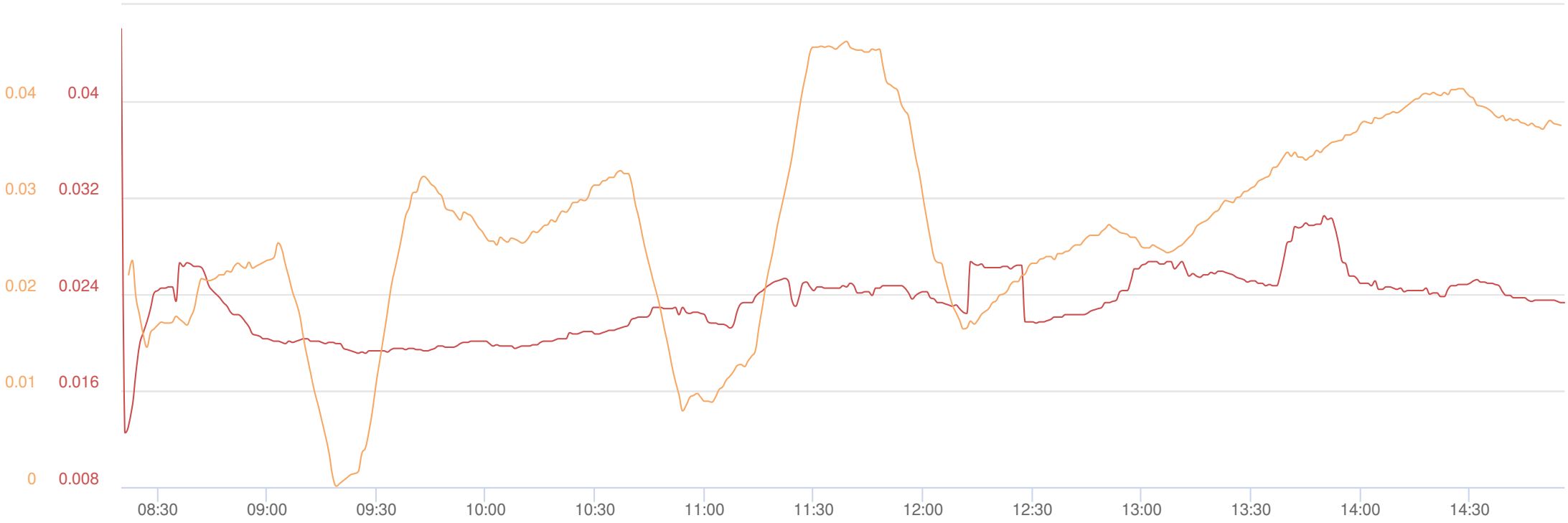
Tue, 21st of May 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0125	0.0233	0.046

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0.0001	0.0271	0.0462

Name Roux Buffalo #2 (FA05348)
S/N 2B018856
Description FA05348
Location 27 E Balcom St, Buffalo, NY 14209, USA

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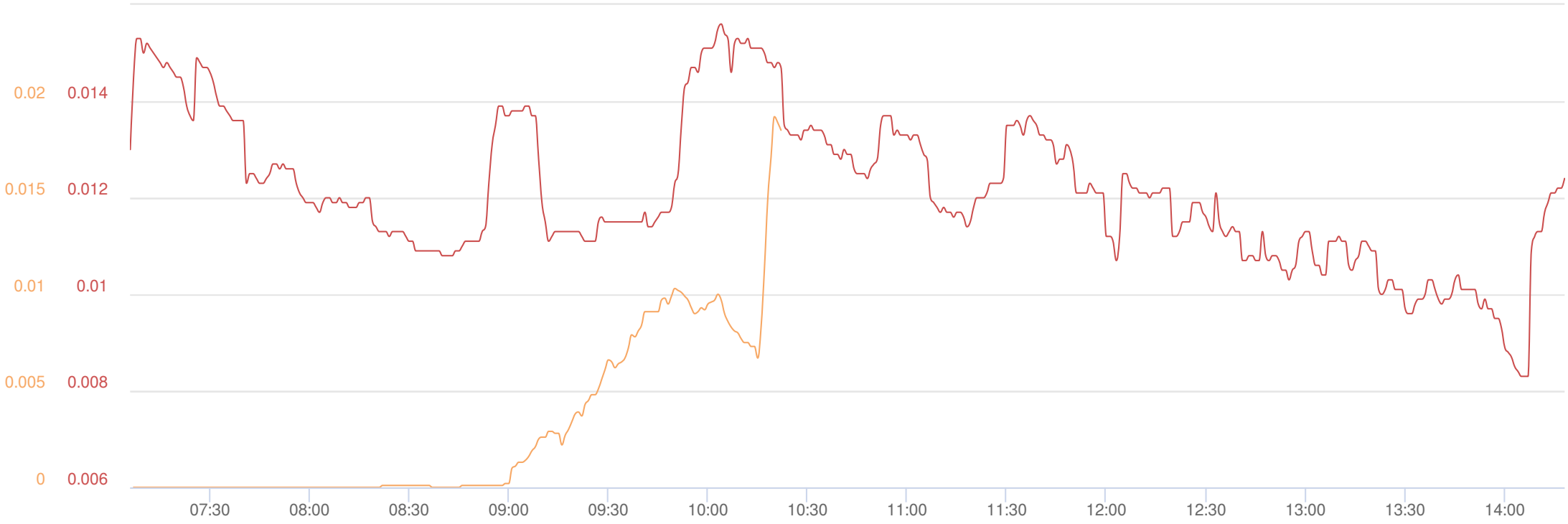
Thu, 23rd of May 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0083	0.0121	0.0156

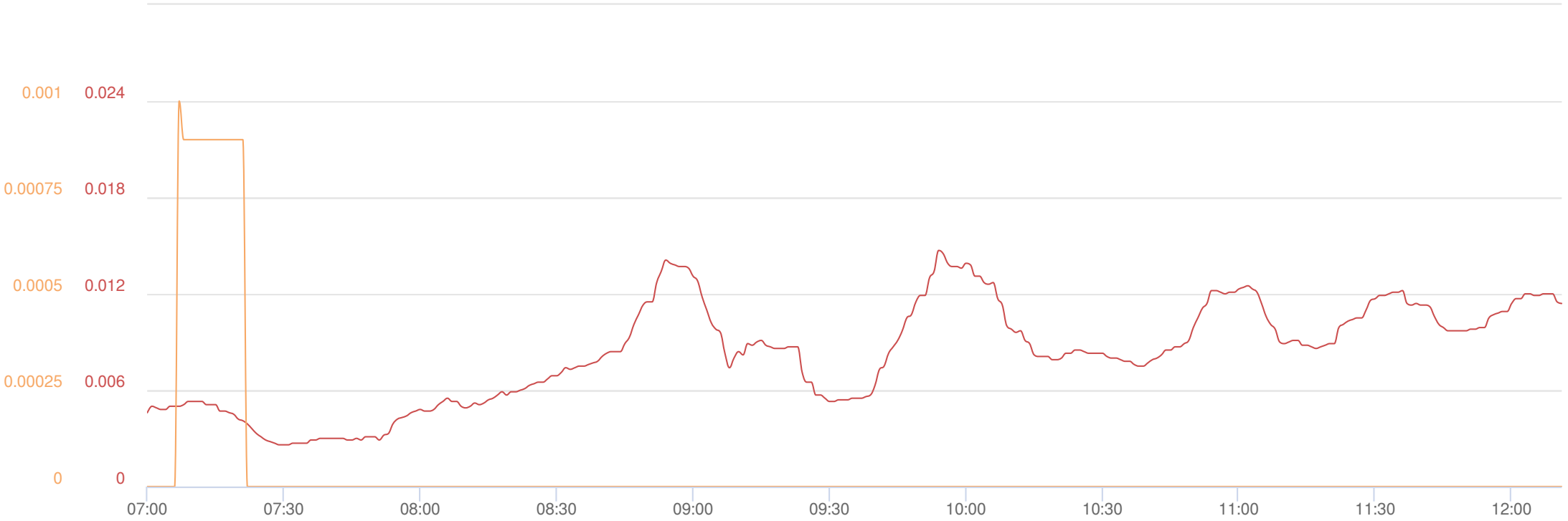
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.003	0.0192

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1715 Main St, Buffalo, NY 14209, USA

© Netronix 2024

Tue, 28th of May 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0026	0.008	0.0147

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.001

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1715 Main St, Buffalo, NY 14209, USA

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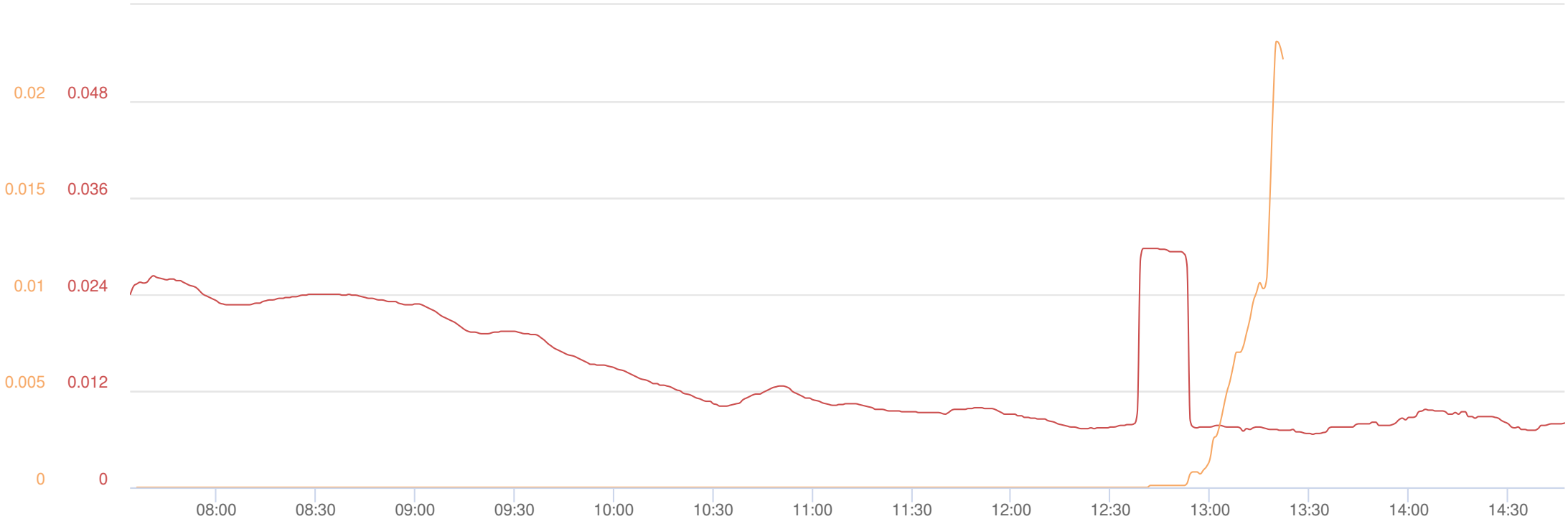
Wed, 29th of May 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0066	0.0142	0.0297

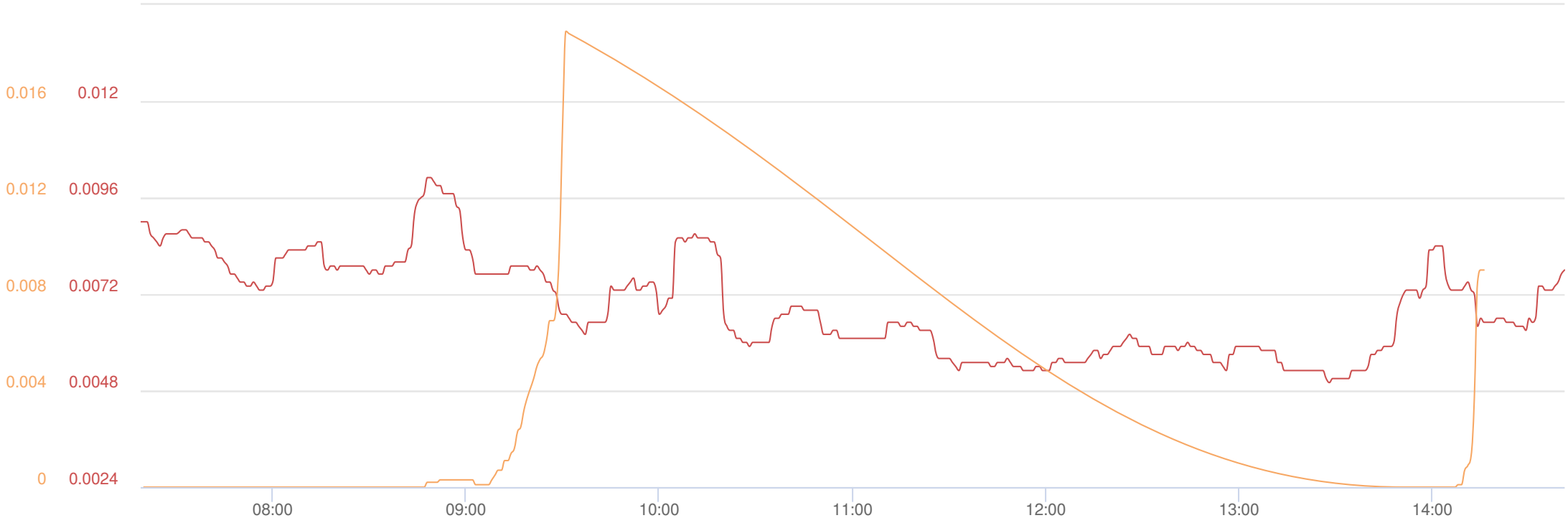
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0007	0.0231

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1715 Main St, Buffalo, NY 14209, USA

© Netronix 2024

Thu, 30th of May 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.005	0.0069	0.0101

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0011	0.0189

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1715 Main St, Buffalo, NY 14209, USA

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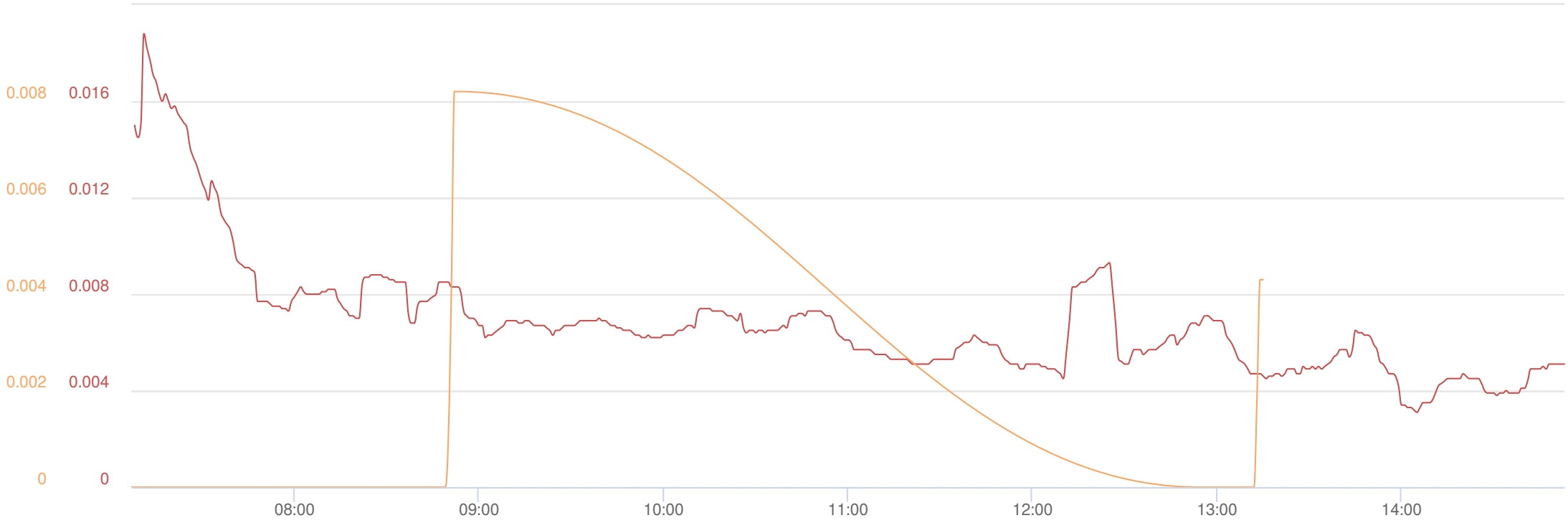
Fri, 31st of May 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0031	0.0068	0.0188

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0002	0.0082

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1715 Main St, Buffalo, NY 14209, USA

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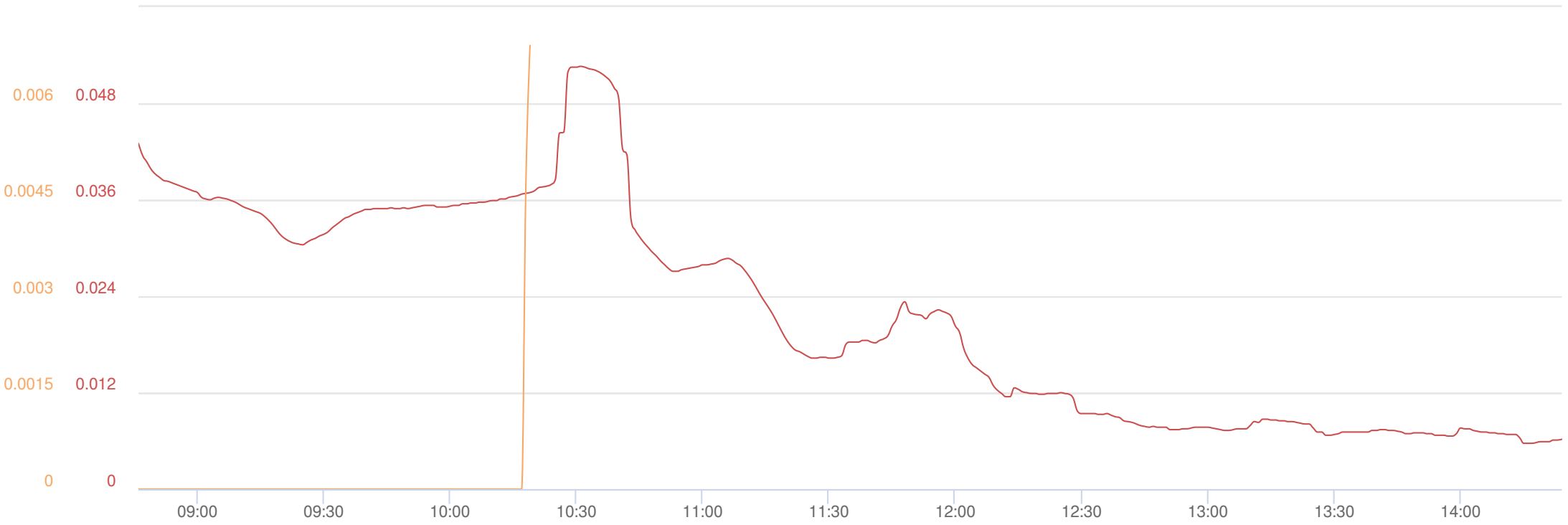
Mon, 3rd of Jun 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0057	0.0219	0.0526

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0001	0.0069

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1715 Main St, Buffalo, NY 14209, USA

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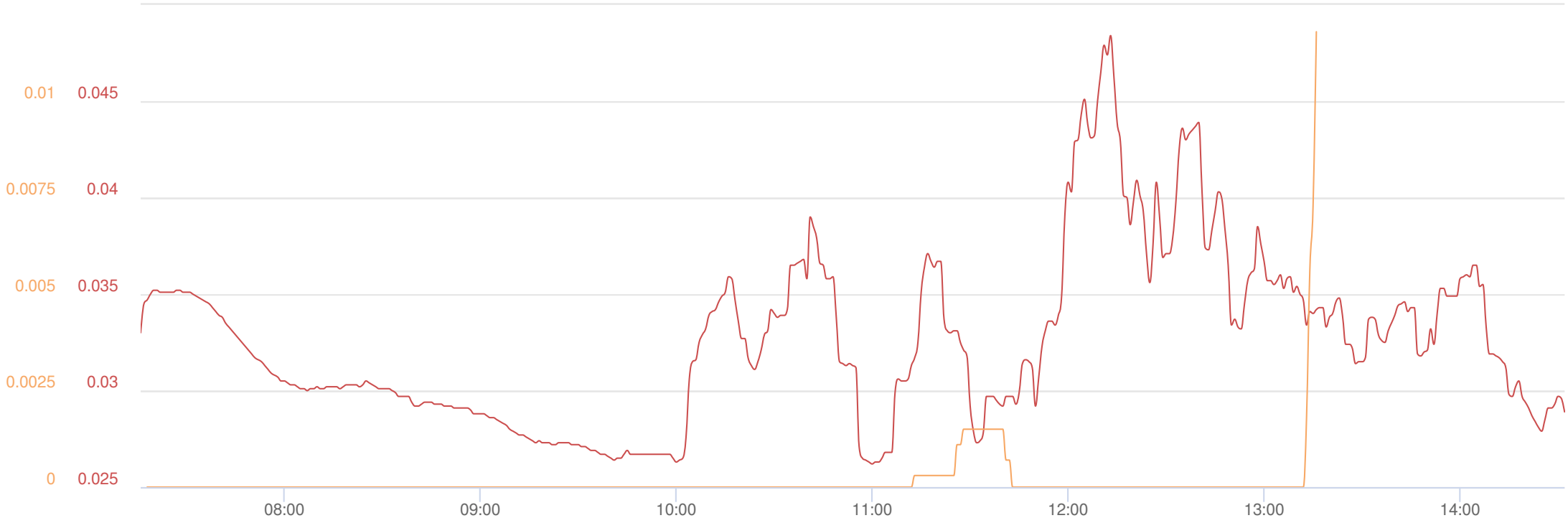
Wed, 5th of Jun 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0262	0.0326	0.0484

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0001	0.0118

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	27 E Balcom St, Buffalo, NY 14209, USA

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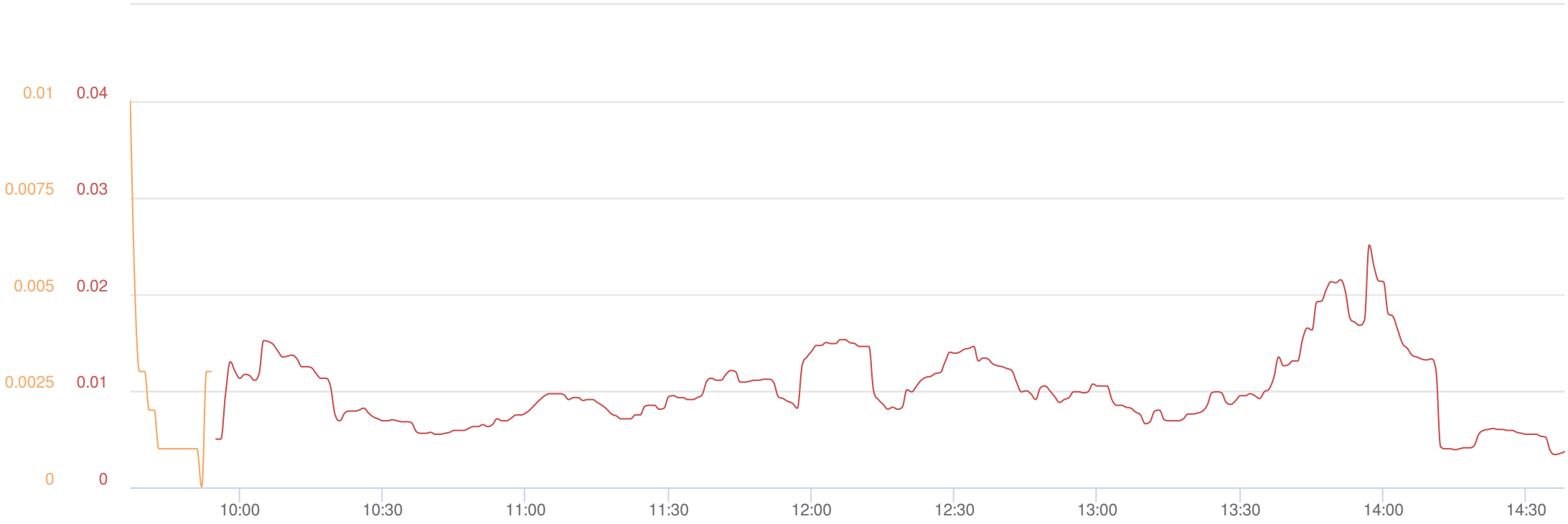
Fri, 7th of Jun 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0034	0.0102	0.0251

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.002	0.01

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	27 E Balcom St, Buffalo, NY 14209, USA

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Mon, 10th of Jun 2024, 6:30:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0025	0.0067	0.0151

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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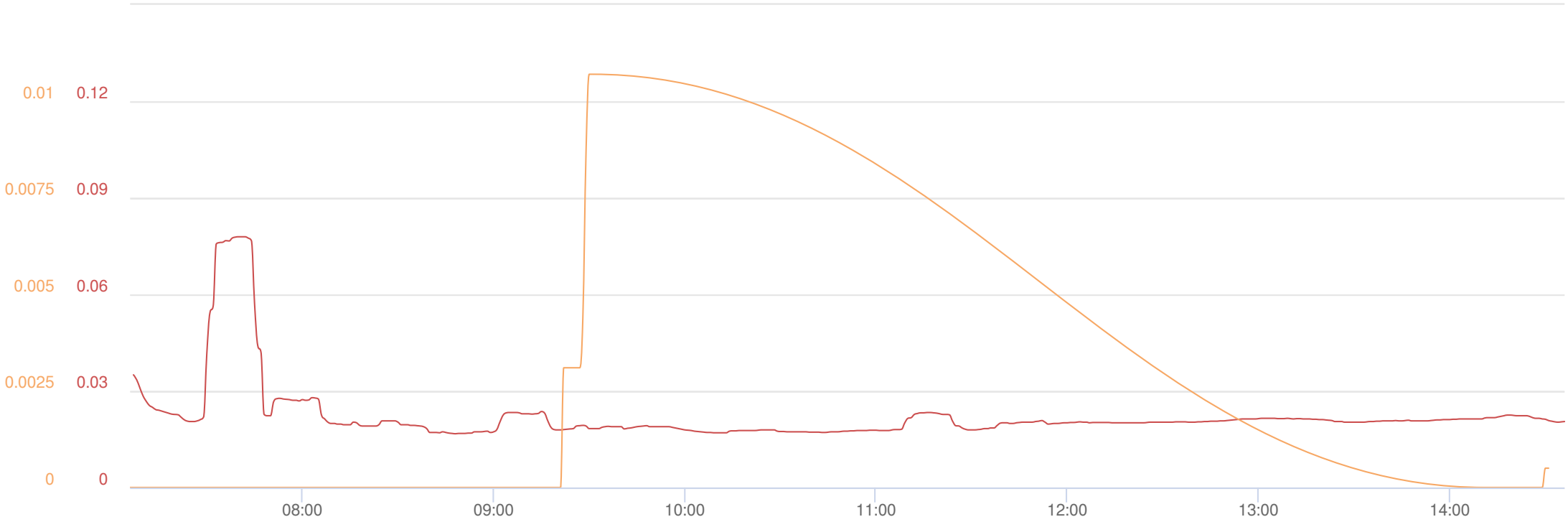
Tue, 11th of Jun 2024, 6:30:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0167	0.0222	0.0779

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0003	0.0107

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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Wed, 12th of Jun 2024, 6:30:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0115	0.0237	0.0469

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0001	0.0044

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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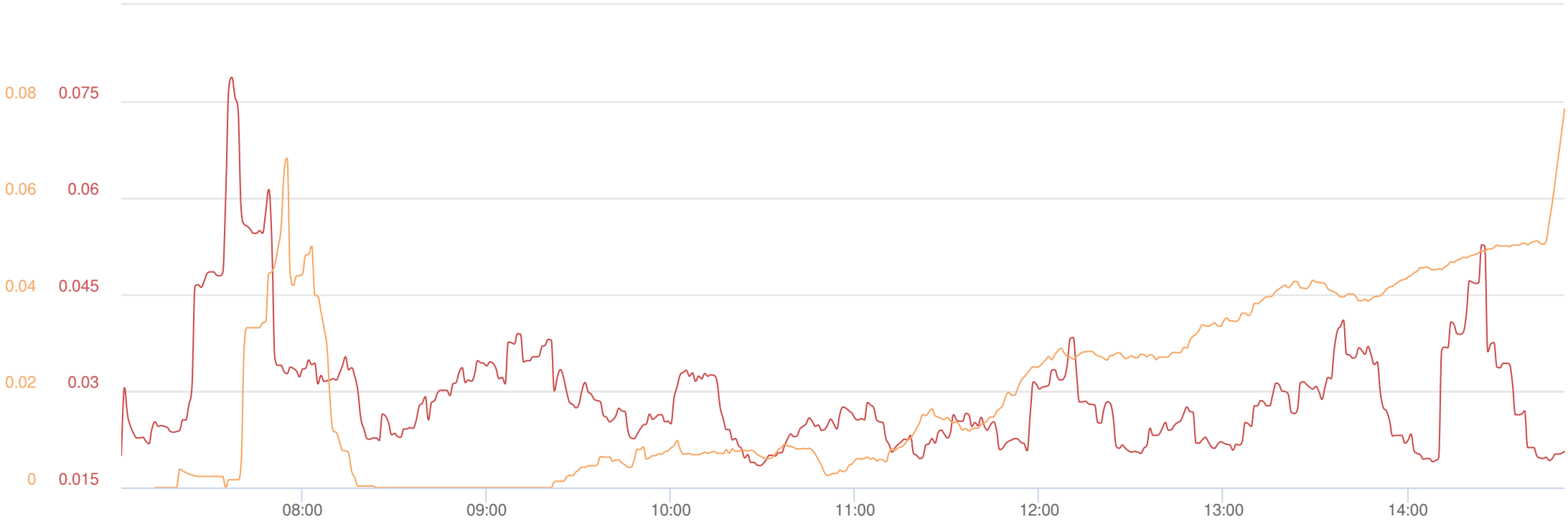
Thu, 13th of Jun 2024, 6:30:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0184	0.0292	0.0787

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0203	0.0733

Name Roux Buffalo #2 (FA05348)
S/N 2B018856
Description FA05348
Location 1700 Main St, Buffalo, NY 14209, USA

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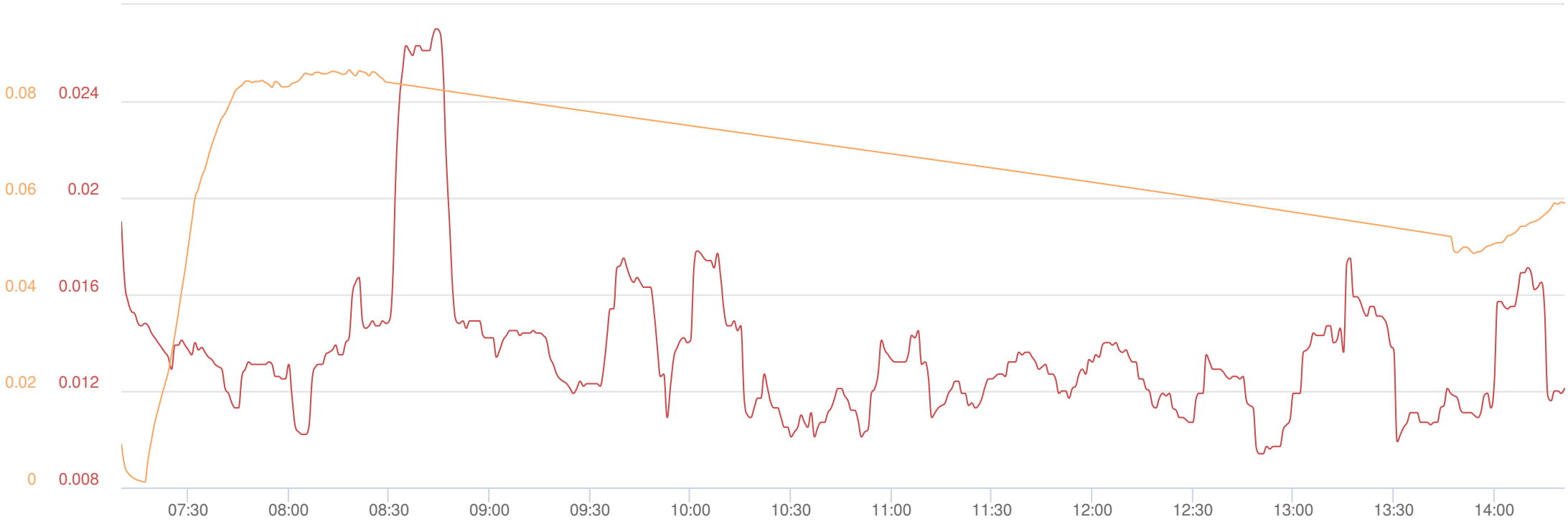
Fri, 14th of Jun 2024, 6:30:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0094	0.0136	0.027

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0.0011	0.0611	0.0865

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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Mon, 17th of Jun 2024, 6:30:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0235	**0.035**	**0.0669**

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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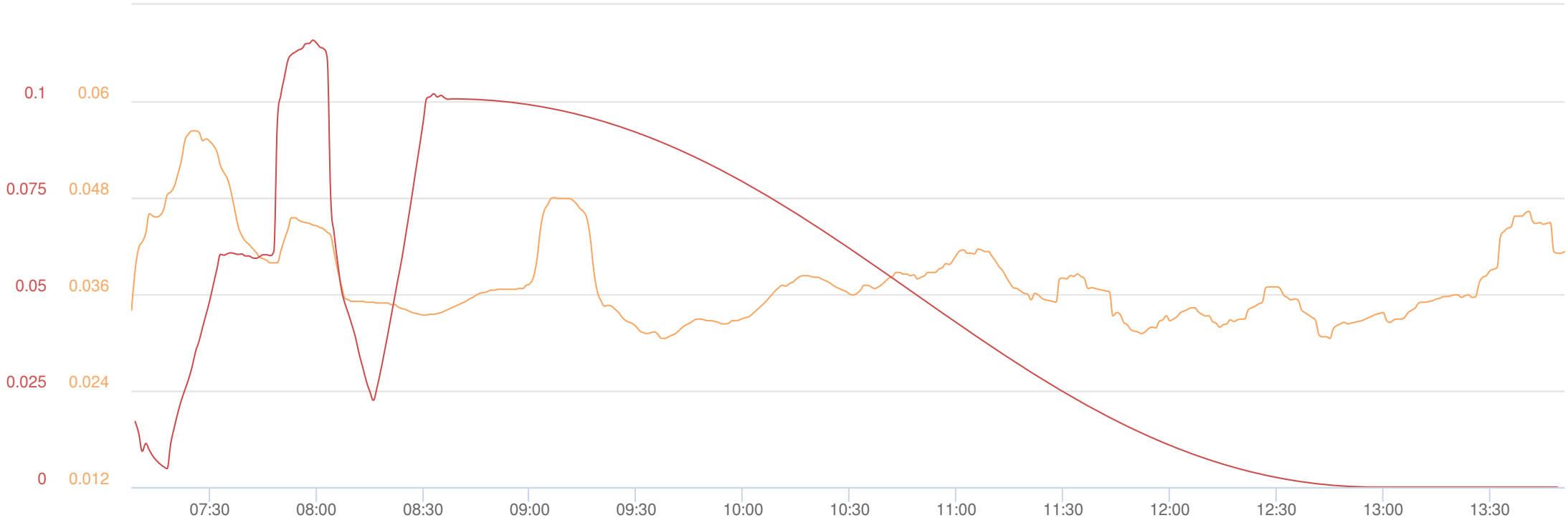
Tue, 18th of Jun 2024, 6:30:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0305	0.0376	0.0563

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.1158

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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Wed, 19th of Jun 2024, 6:30:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0453	0.0575	0.0952

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0888	0.2066

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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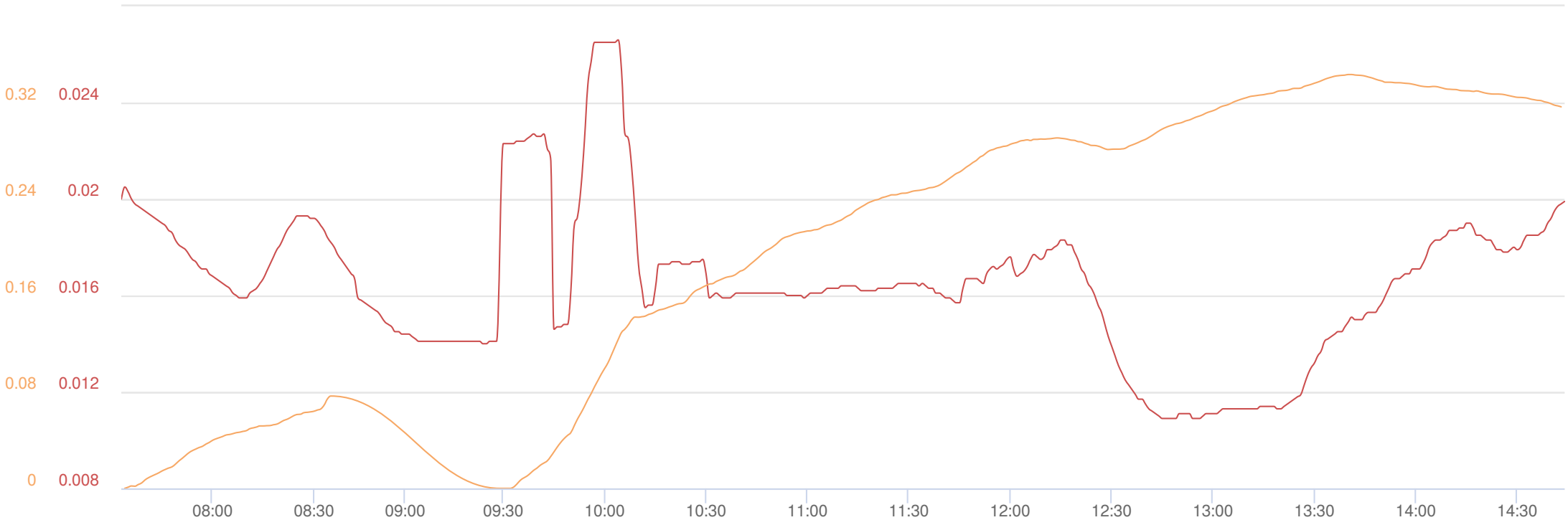
Thu, 20th of Jun 2024, 6:30:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0109	0.0165	0.0266

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.2125	0.3433

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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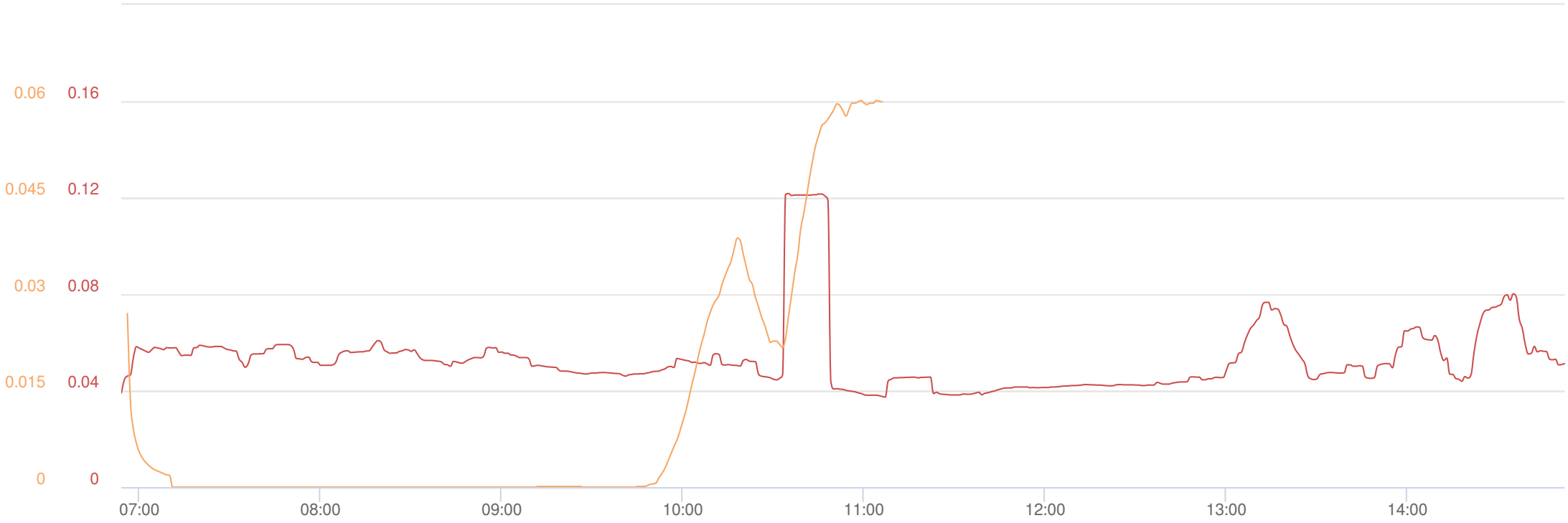
Fri, 21st of Jun 2024, 6:30:00 – 16:00:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0373	0.0531	0.1217

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.011	0.0601

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1700 Main St, Buffalo, NY 14209, USA

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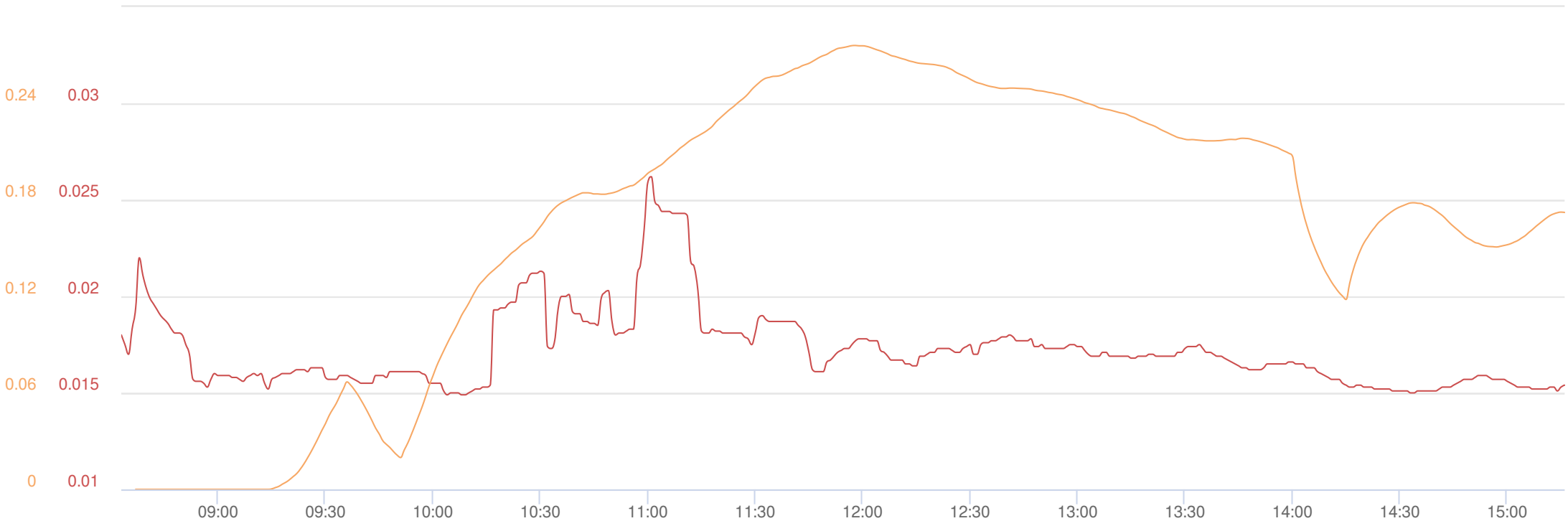
Mon, 24th of Jun 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0149	0.0172	0.0262

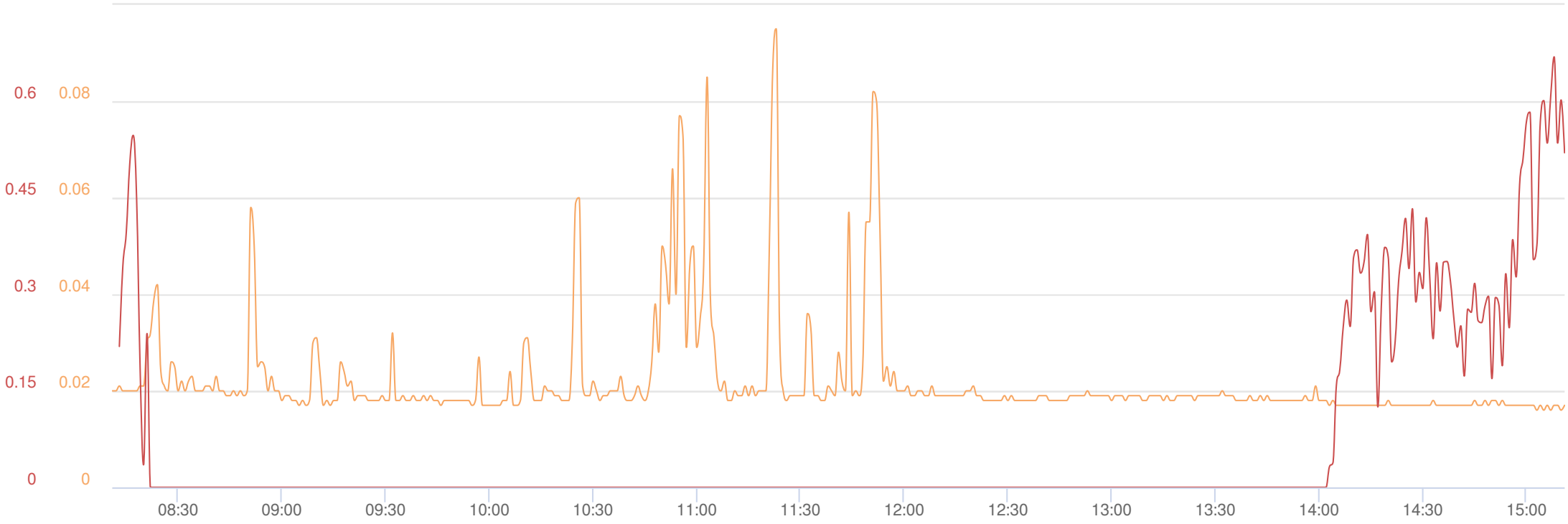
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.1663	0.276

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	27 E Balcom St, Buffalo, NY 14209, USA

© Netronix 2024

Mon, 24th of Jun 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.016	0.022	0.095

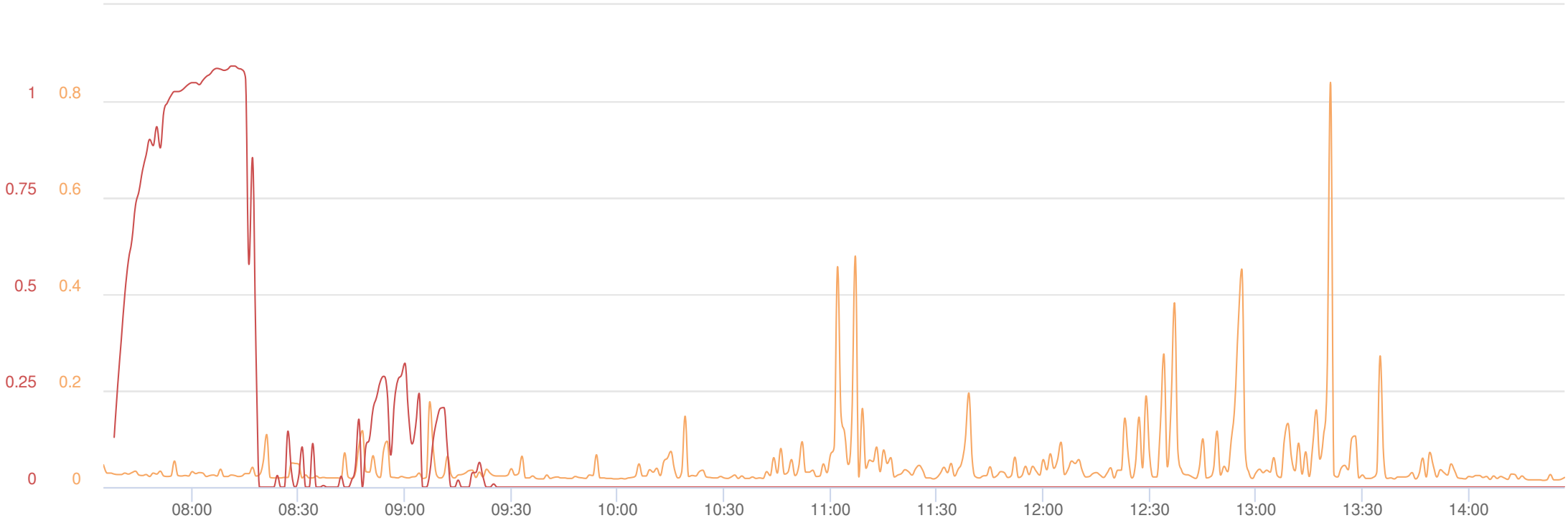
VOC ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.062	0.669

Name	Roux (new)
S/N	2B016134
Description	FA05355
Location	27 E Balcom St, Buffalo, NY 14209, USA

© Netronix 2024

Tue, 25th of Jun 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.014	0.045	0.839

VOC ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.101	1.091

Name	Roux (new)
S/N	2B016134
Description	FA05355
Location	27 E Balcom St, Buffalo, NY 14209, USA

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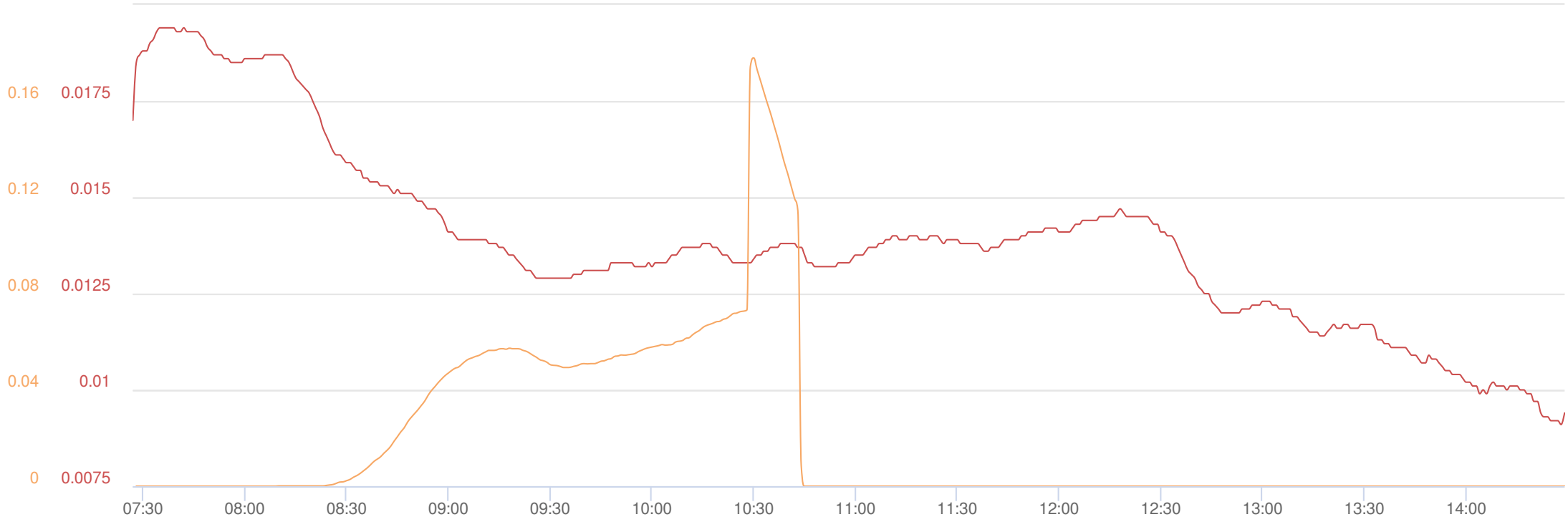
Tue, 25th of Jun 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0091	0.0138	0.0194

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.1779

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	27 E Balcom St, Buffalo, NY 14209, USA

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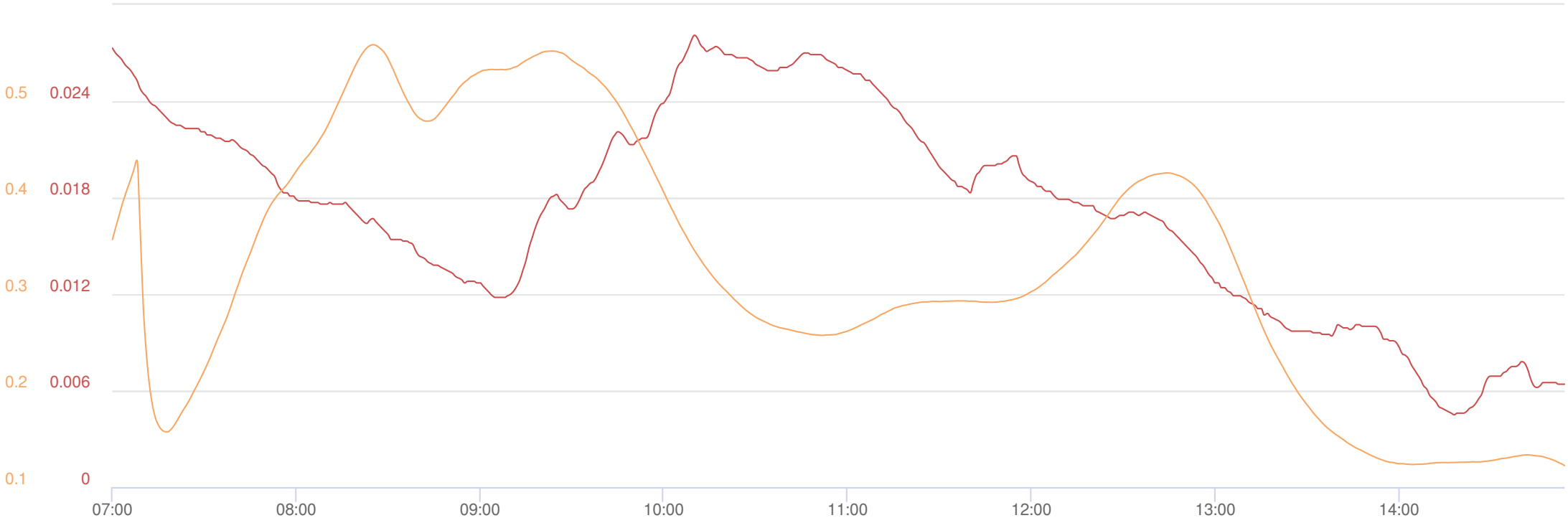
Wed, 26th of Jun 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0045	0.0173	0.0281

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0.1235	0.3298	0.5585

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	27 E Balcom St, Buffalo, NY 14209, USA

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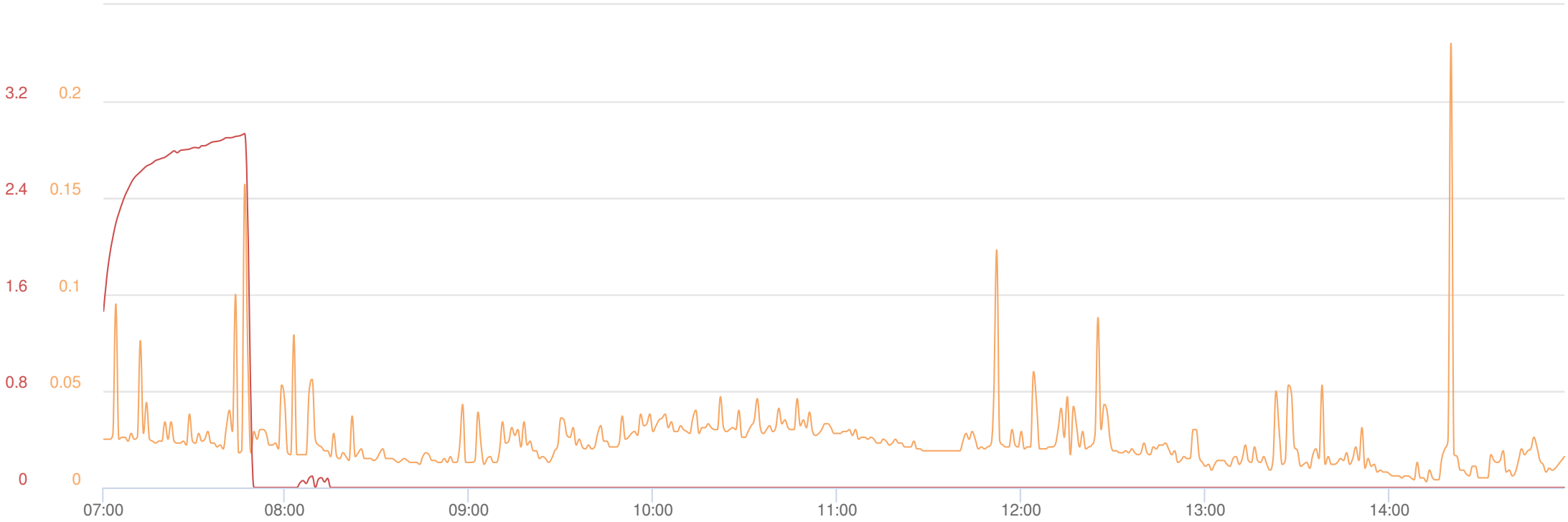
Wed, 26th of Jun 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.003	0.024	0.23

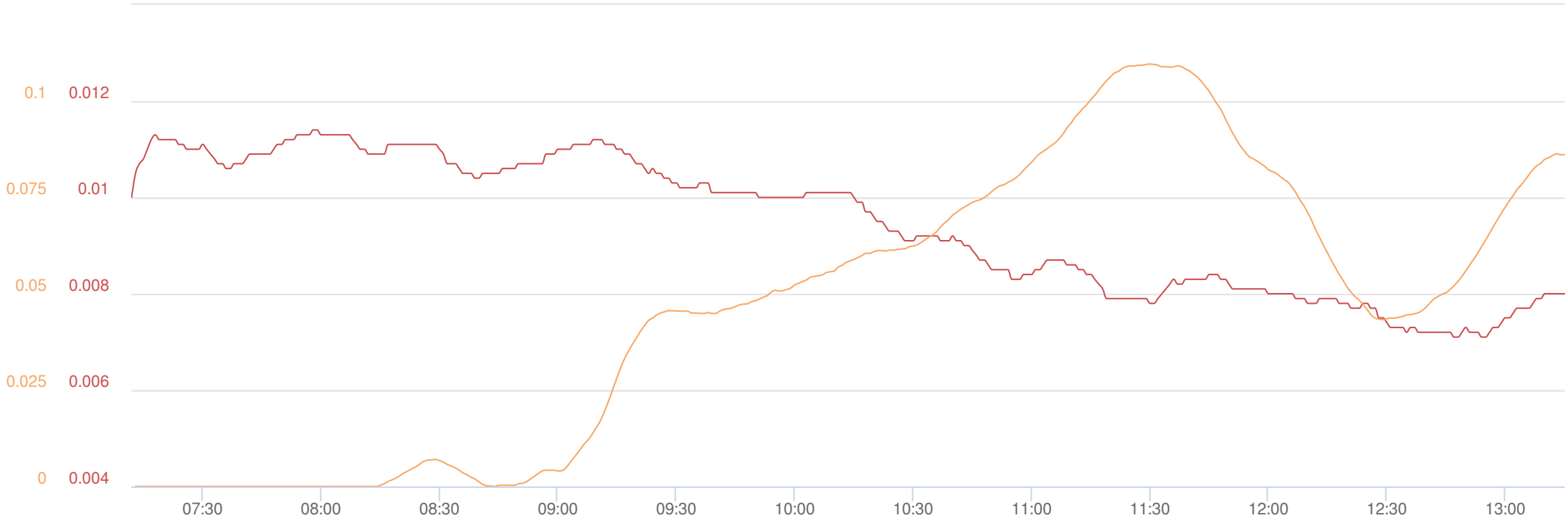
VOC ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.264	2.932

Name	Roux (new)
S/N	2B016134
Description	FA05355
Location	27 E Balcom St, Buffalo, NY 14209, USA

© Netronix 2024

Thu, 27th of Jun 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0071	0.009	0.0114

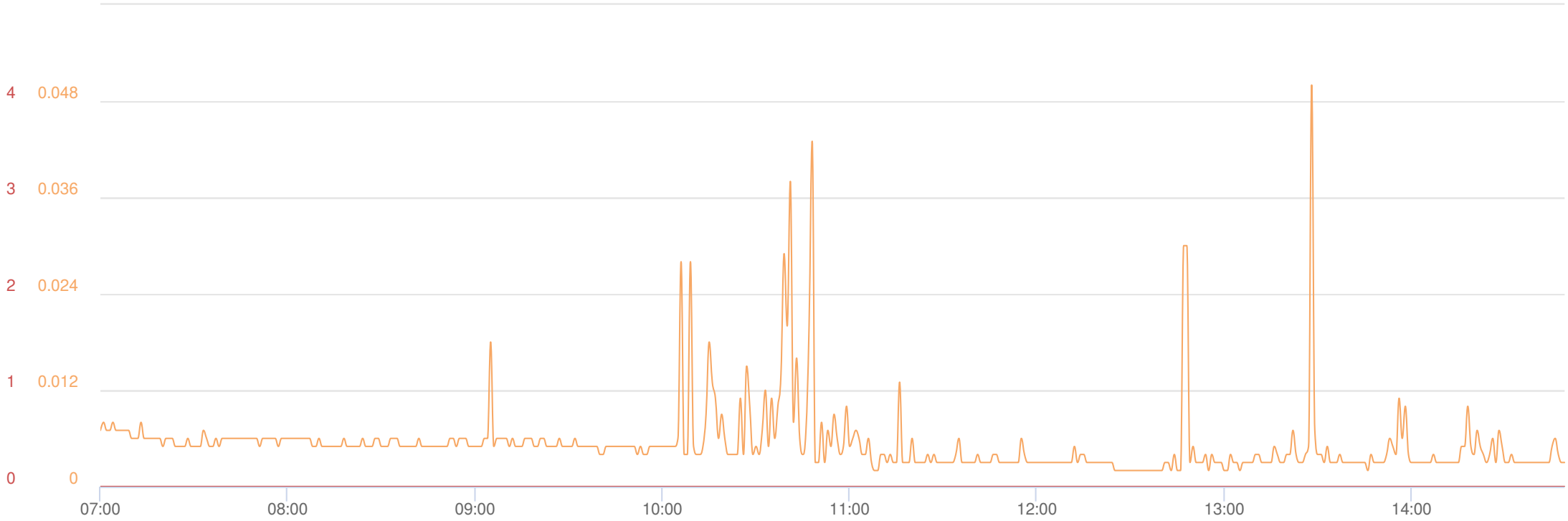
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0466	0.1096

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	27 E Balcom St, Buffalo, NY 14209, USA

© Netronix 2024

Thu, 27th of Jun 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.002	0.005	0.05

VOC ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	Roux (new)
S/N	2B016134
Description	FA05355
Location	27 E Balcom St, Buffalo, NY 14209, USA

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Fri, 28th of Jun 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0048	**0.0073**	**0.0148**

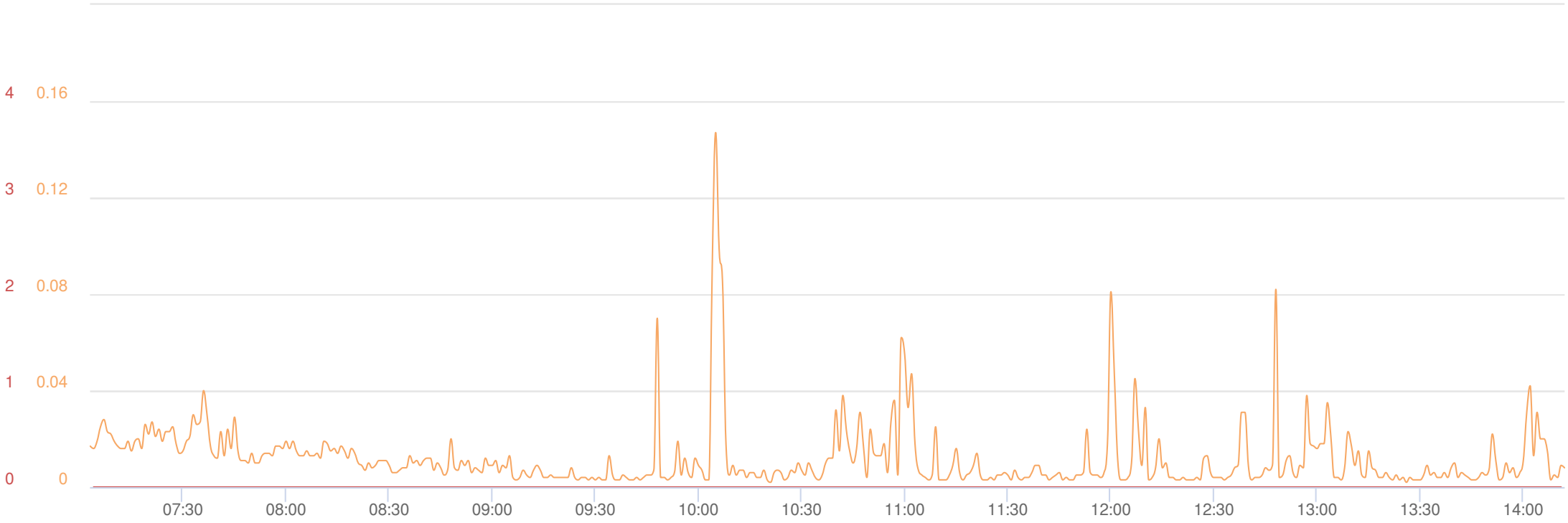
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	**0**	**0**

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	27 E Balcom St, Buffalo, NY 14209, USA

© Netronix 2024

Fri, 28th of Jun 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.002	**0.012**	**0.147**

VOC ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	**0**	**0**

Name	Roux (new)
S/N	2B016134
Description	FA05355
Location	27 E Balcom St, Buffalo, NY 14209, USA

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Mon, 1st of Jul 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0004	0.0042	0.0105

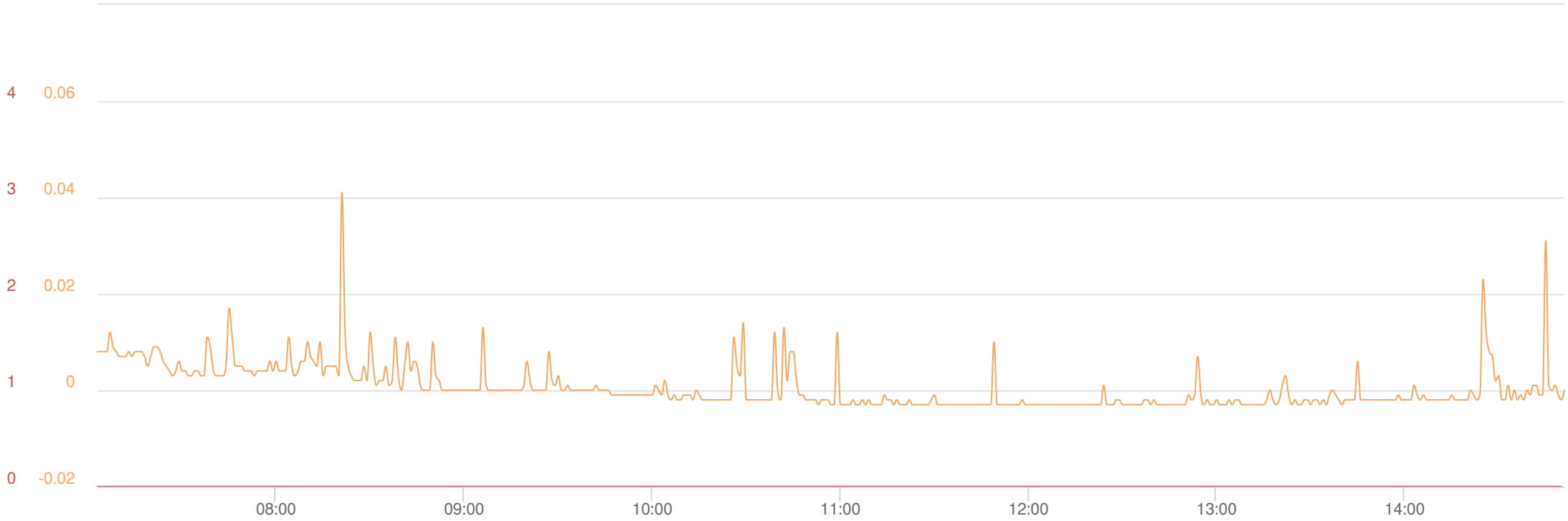
VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.5049

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1715 Main St, Buffalo, NY 14209, USA

© Netronix 2024

Mon, 1st of Jul 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
-0.003	0.001	0.041

VOC ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	Roux (new)
S/N	2B016134
Description	FA05355
Location	27 E Balcom St, Buffalo, NY 14209, USA

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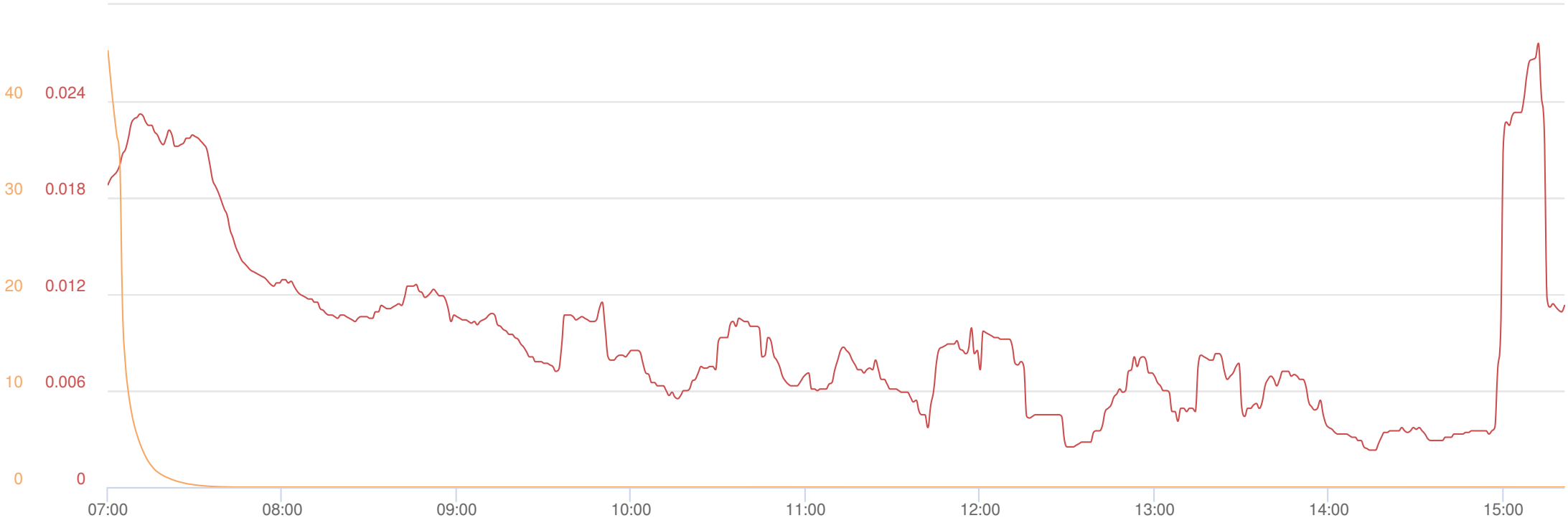
Tue, 2nd of Jul 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0023	0.0092	0.0276

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.5739	45.235

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1715 Main St, Buffalo, NY 14209, USA

© Netronix 2024

Tue, 2nd of Jul 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
-0.001	**0.001**	**0.183**

VOC ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
N/A	**N/A**	**N/A**

Name	Roux (new)
S/N	2B016134
Description	FA05355
Location	27 E Balcom St, Buffalo, NY 14209, USA

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Wed, 3rd of Jul 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0084	0.0208	0.0467

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	1715 Main St, Buffalo, NY 14209, USA

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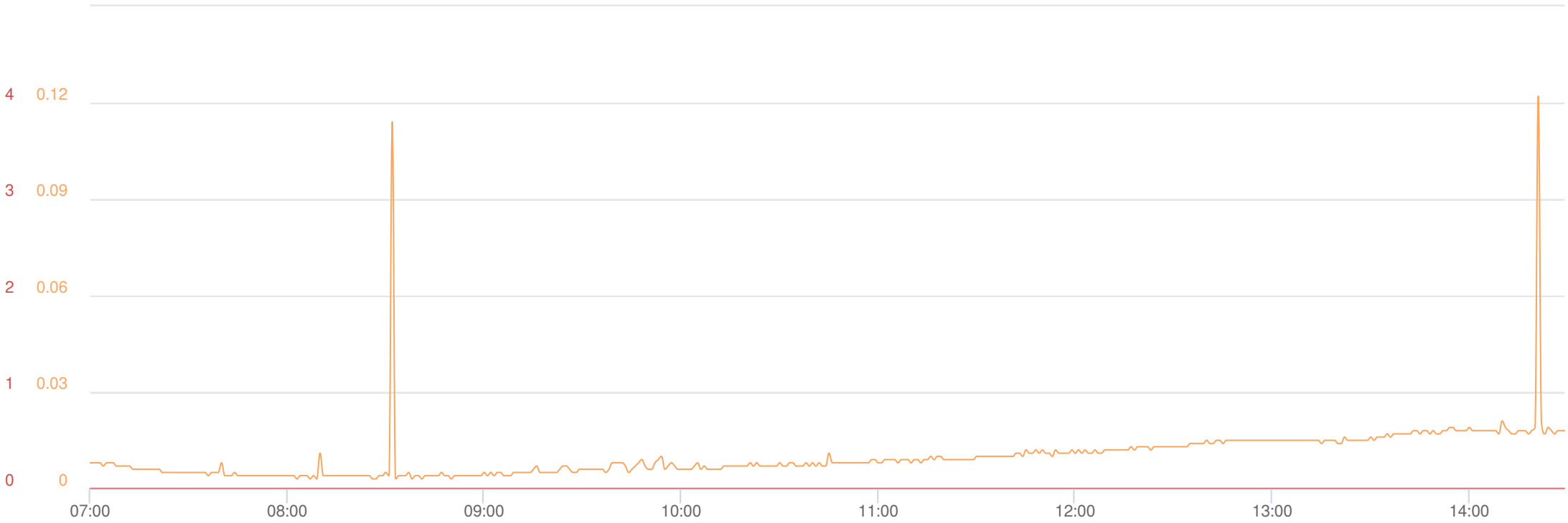
Wed, 3rd of Jul 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.003	0.01	0.122

VOC ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name Roux (new)
S/N 2B016134
Description FA05355
Location 1665 Main St, Buffalo, NY 14209, USA

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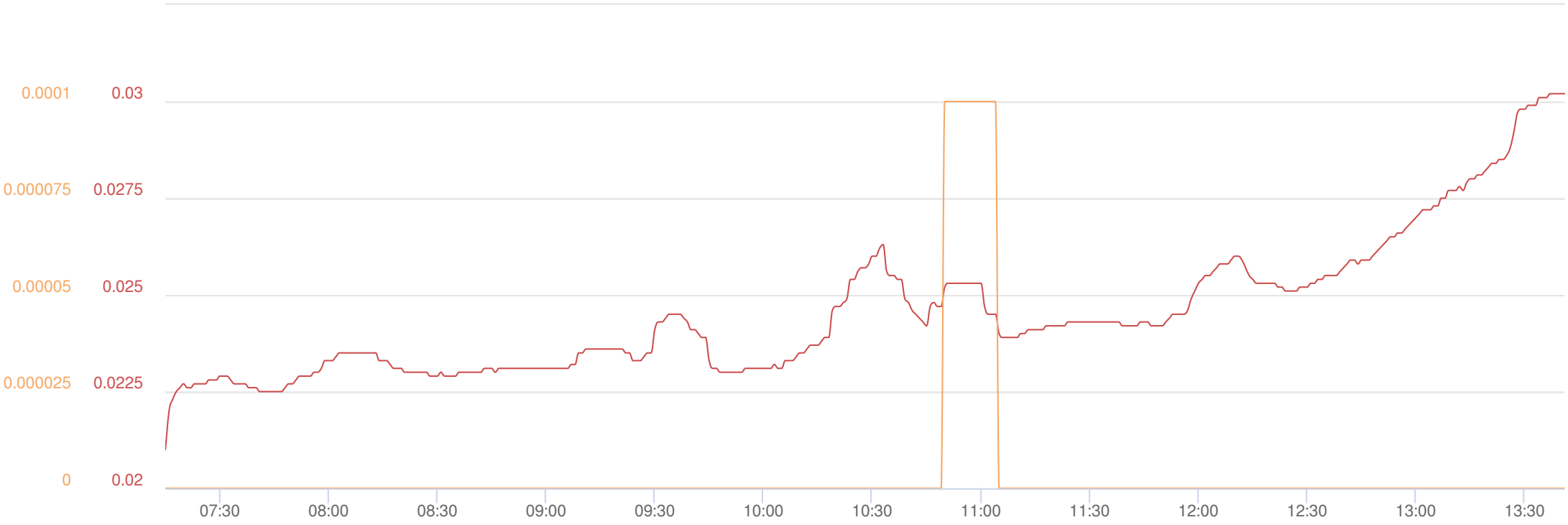
Tue, 9th of Jul 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)



Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.021	0.0245	0.0302

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0001

Name	Roux Buffalo #2 (FA05348)
S/N	2B018856
Description	FA05348
Location	27 E Balcom St, Buffalo, NY 14209, USA

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Tue, 9th of Jul 2024, 7:00:00 – 15:30:00
(GMT-05:00) Eastern Time (US & Canada)

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.019	0.0281	0.0481

VOC ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Name	Roux (new)
S/N	2B016134
Description	FA05355
Location	1715 Main St, Buffalo, NY 14209, USA

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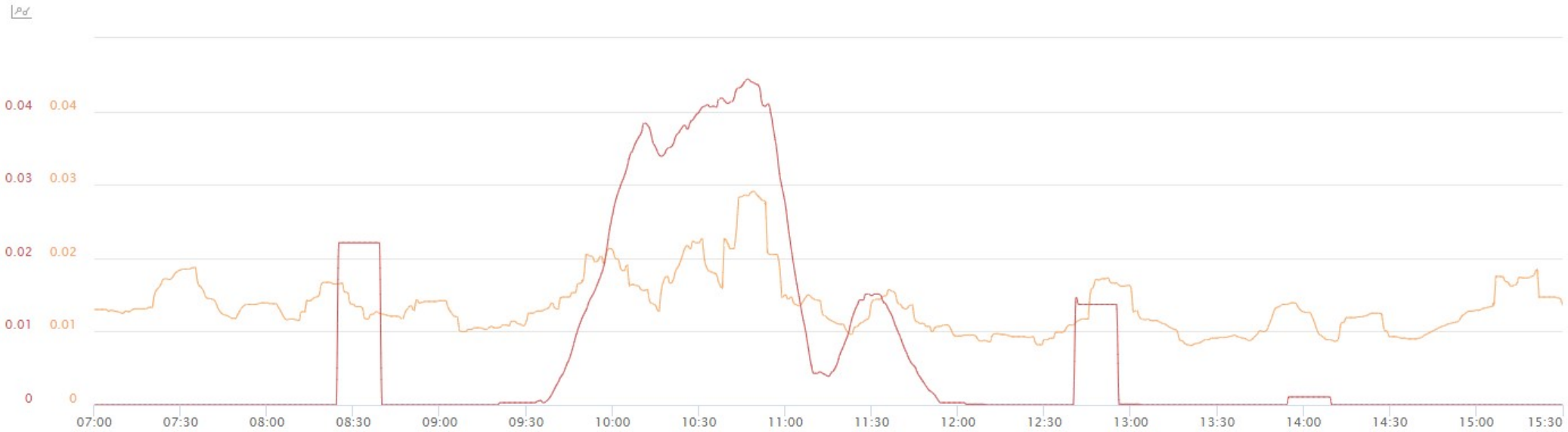
2B0188

Chart | Table

07/18/2024 7:00 - 07/18/2024 15:30



VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0444

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0081	0.0135	0.0291

Chart | Table

07/18/2024 7:00 - 07/18/2024 15:30

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0043	0.0118	0.0351

VOC ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Chart | Table

07/19/2024 7:00 - 07/19/2024 15:30

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0005

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.007	0.0119	0.029

Chart | Table

07/19/2024 7:00 - 07/19/2024 15:30

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0053	0.0105	0.0283

VOC ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.019

Chart | Table

07/22/2024 7:00 - 07/22/2024 15:30

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.0001	0.0012

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0187	0.0313	0.197

Chart | Table

07/22/2024 7:00 - 07/22/2024 15:30

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

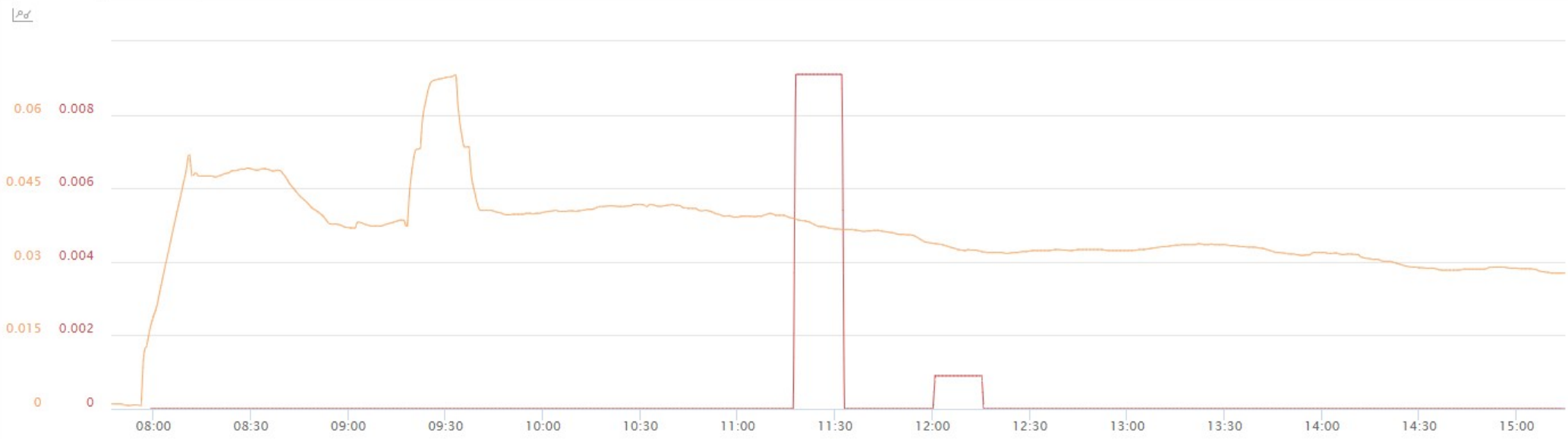
MIN	AVG	MAX
0.0161	0.0287	0.1136

VOC ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.001	0.117

Chart | Table

07/23/2024 7:00 - 07/23/2024 15:30



VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0.0091

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0007	0.0362	0.0681

Chart | Table

07/23/2024 7:00 - 07/23/2024 15:30

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.0293	0.0388	0.0573

VOC ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0.119	1.296

Chart | Table

07/24/2024 7:00 - 07/24/2024 15:30

VOC ppm AVG 15m ppm
miniRAE 3000
RS232(A)

MIN	AVG	MAX
0	0	0

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0	0.0292	0.0365

Chart | Table

07/24/2024 7:00 - 07/24/2024 15:30

Mass Conc. Total mg/m³ AVG 15m
mg/m³
DustTrak-8530
RS232(C)

MIN	AVG	MAX
0.026	0.03	0.044

VOC ppm
miniRAE 3000
RS232(A)

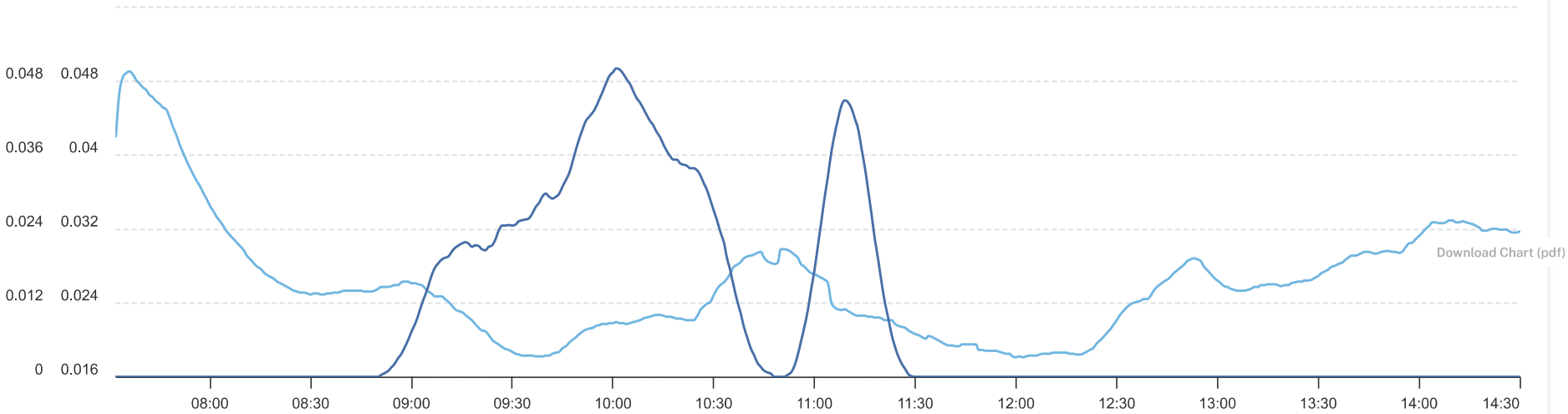
MIN	AVG	MAX
0	0.063	1.313

Roux Buffalo #2 (FA05348)

2B018856

07/31/2024 07:00 - 07/31/2024 15:30

(GMT-05:00) Eastern Time (US & Canada)



Download Chart (pdf)

Avg(Mass Conc. Total, mg/m³, 15m)

MIN **0.018** AVG **0.026** MAX **0.049**

Avg(VOC, ppm, 15m)

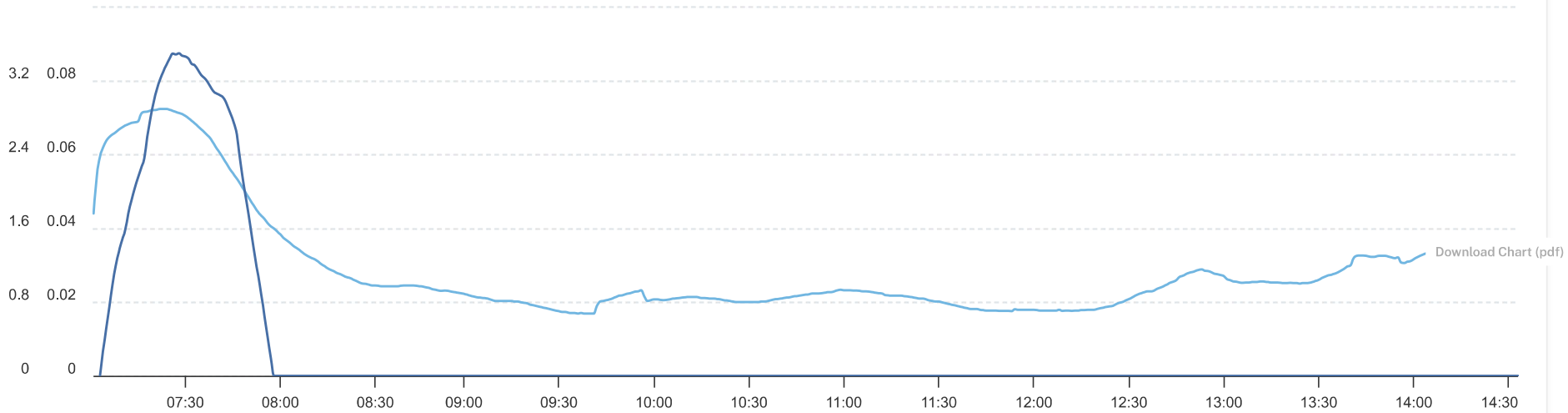
MIN **0** AVG **0.009** MAX **0.05**

Roux (new)

2B016134

07/31/2024 07:00 - 07/31/2024 15:30

(GMT-05:00) Eastern Time (US & Canada)



Avg(Mass Conc. Total, mg/m^3, 15m)

MIN **0.017** AVG **0.029** MAX **0.072**

Avg(VOC, ppm, 15m)

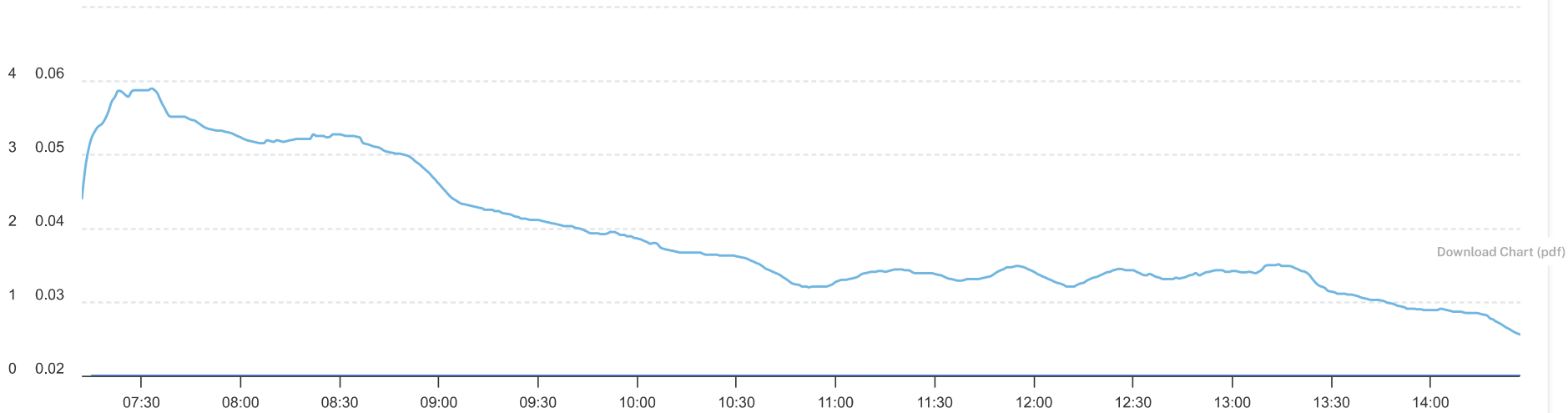
MIN **0** AVG **0.272** MAX **3.494**

Roux Buffalo #2 (FA05348)

2B018856

08/01/2024 07:00 - 08/01/2024 15:30

(GMT-05:00) Eastern Time (US & Canada)



Download Chart (pdf)

Avg(Mass Conc. Total, mg/m^3, 15m)

MIN **0.026** AVG **0.039** MAX **0.059**

Avg(VOC, ppm, 15m)

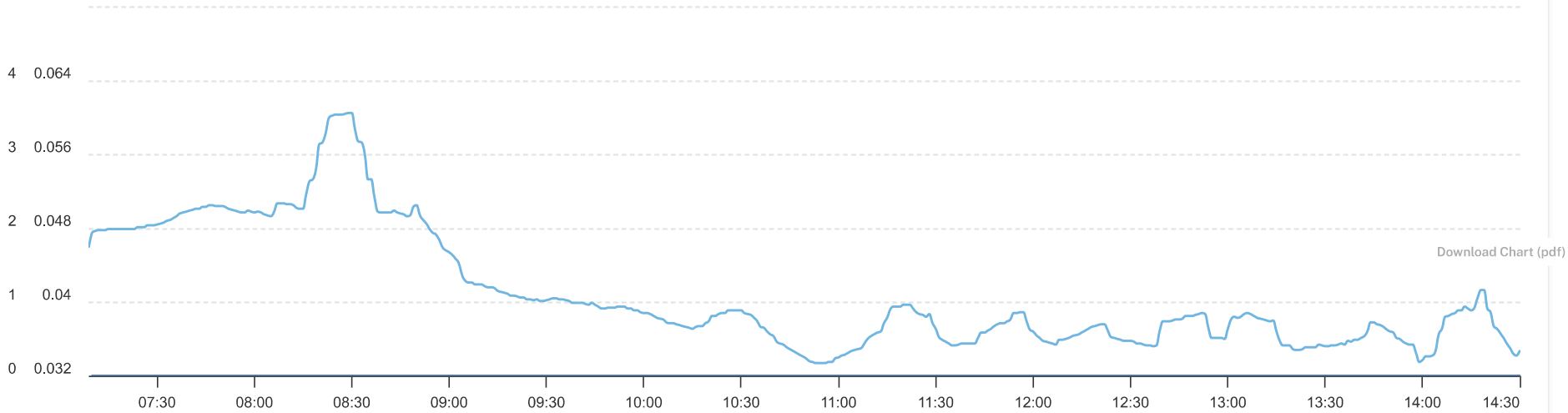
MIN **0** AVG **0** MAX **0**

Roux (new)

2B016134

08/01/2024 07:00 - 08/01/2024 15:30

(GMT-05:00) Eastern Time (US & Canada)



Download Chart (pdf)

Avg(Mass Conc. Total, mg/m^3, 15m)

MIN **0.033** AVG **0.041** MAX **0.061**

Avg(VOC, ppm, 15m)

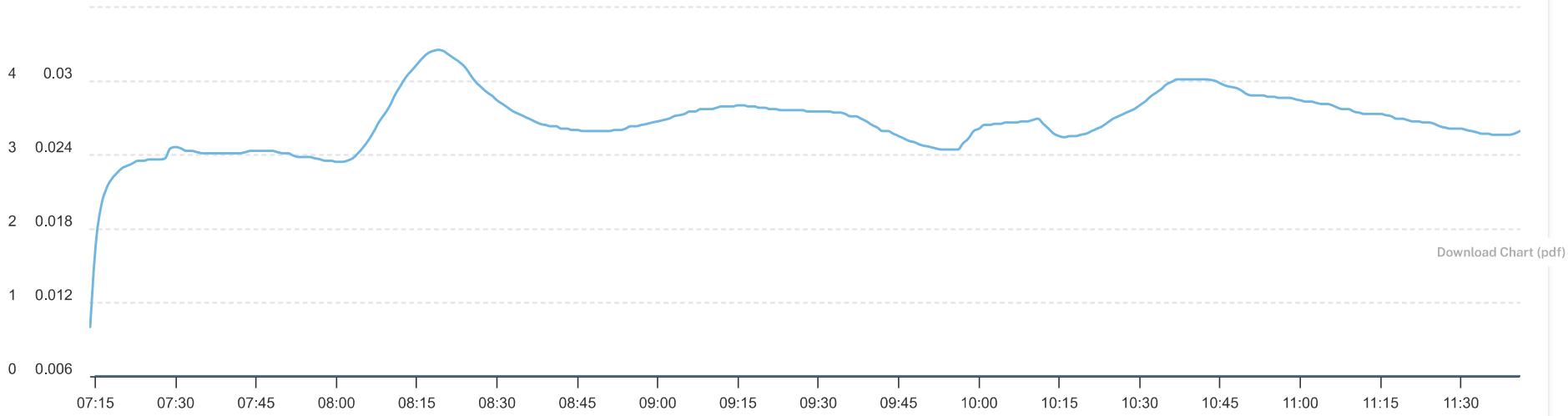
MIN **0** AVG **0** MAX **0**

Roux Buffalo #2 (FA05348)

2B018856

08/02/2024 07:00 - 08/02/2024 15:30

(GMT-05:00) Eastern Time (US & Canada)



Download Chart (pdf)

Avg(Mass Conc. Total, mg/m^3, 15m)

MIN **0.01** AVG **0.027** MAX **0.033**

Avg(VOC, ppm, 15m)

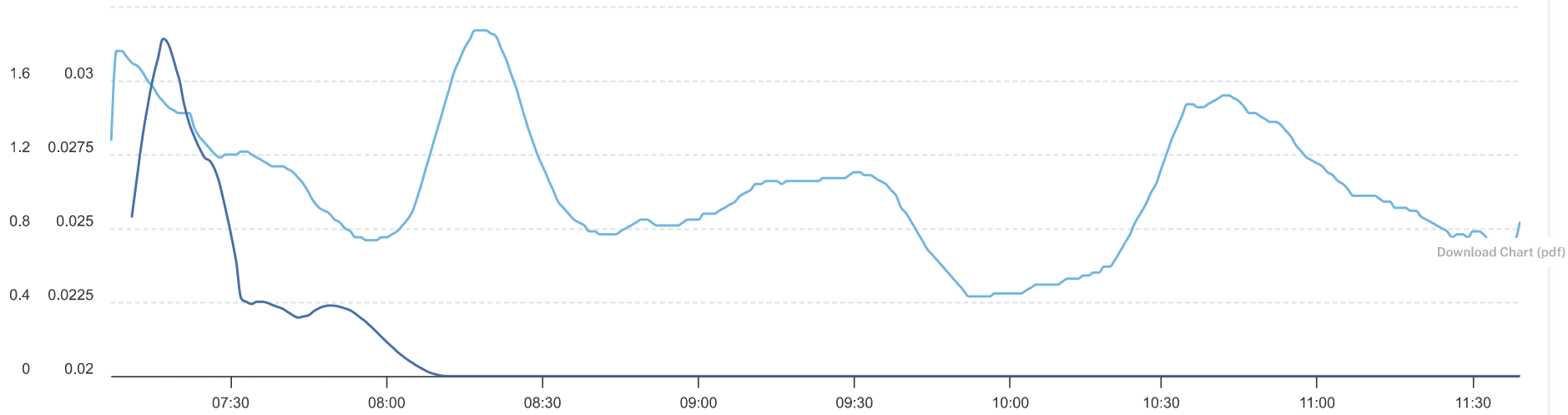
MIN **0** AVG **0** MAX **0**

Roux (new)

2B016134

08/02/2024 07:00 - 08/02/2024 15:30

(GMT-05:00) Eastern Time (US & Canada)



Avg(Mass Conc. Total, mg/m^3, 15m)

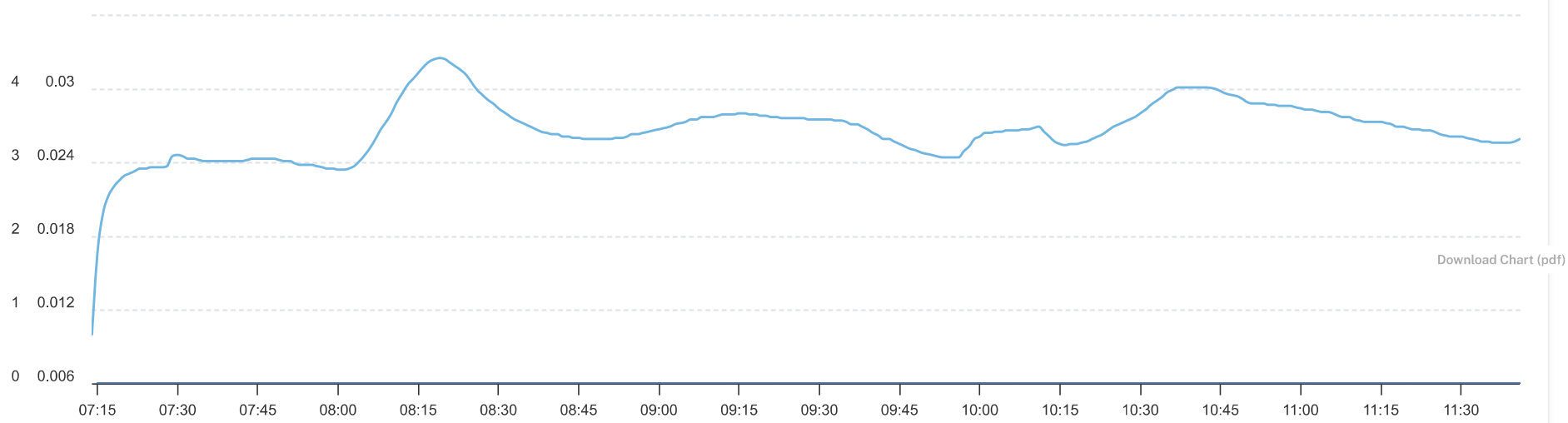
MIN **0.023** AVG **0.026** MAX **0.032**

Avg(VOC, ppm, 15m)

MIN **0** AVG **0.124** MAX **1.825**

Roux Buffalo #2 (FA05348)
2B018856

08/05/2024 07:00 - 08/05/2024 15:30
(GMT-05:00) Eastern Time (US & Canada)



Download Chart (pdf)

Avg(Mass Conc. Total, mg/m³, 15m)
MIN **0.01** AVG **0.027** MAX **0.033**

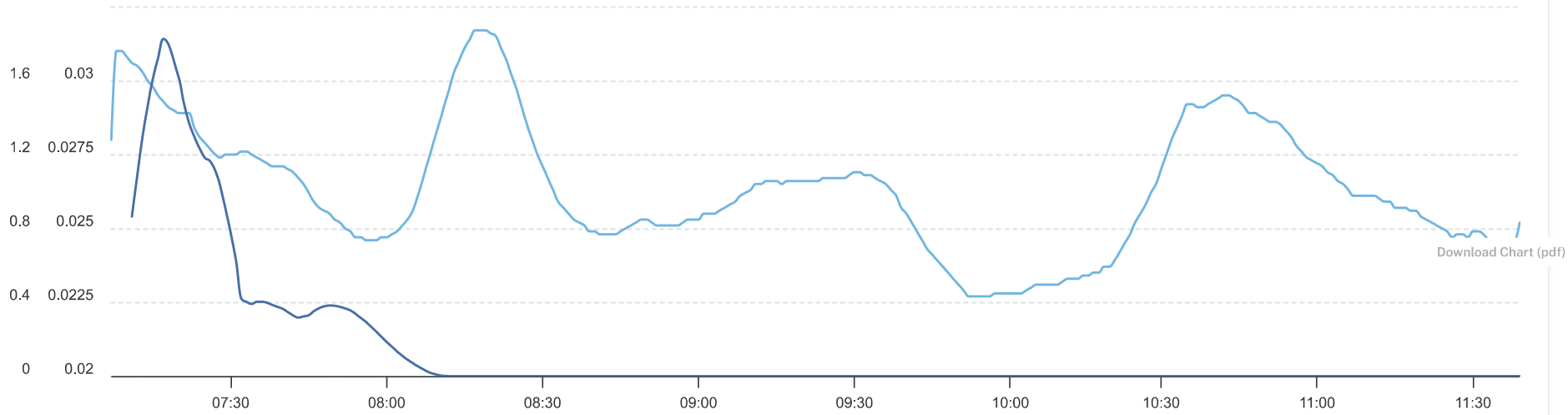
Avg(VOC, ppm, 15m)
MIN **0** AVG **0** MAX **0**

Roux (new)

2B016134

08/05/2024 07:00 - 08/05/2024 15:30

(GMT-05:00) Eastern Time (US & Canada)



Download Chart (pdf)

Avg(Mass Conc. Total, mg/m^3, 15m)

MIN **0.023** AVG **0.026** MAX **0.032**

Avg(VOC, ppm, 15m)

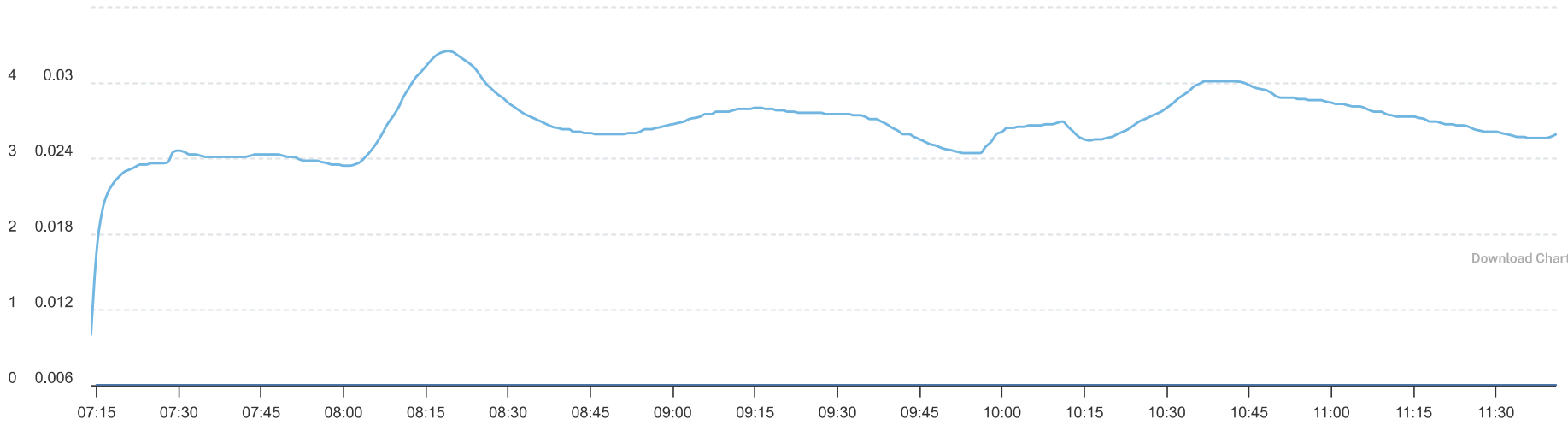
MIN **0** AVG **0.124** MAX **1.825**

Roux Buffalo #2 (FA05348)

2B018856

08/06/2024 07:00 - 08/06/2024 15:30

(GMT-05:00) Eastern Time (US & Canada)



Download Chart (pdf)

Avg(Mass Conc. Total, mg/m^3, 15m)

MIN **0.01** AVG **0.027** MAX **0.033**

Avg(VOC, ppm, 15m)

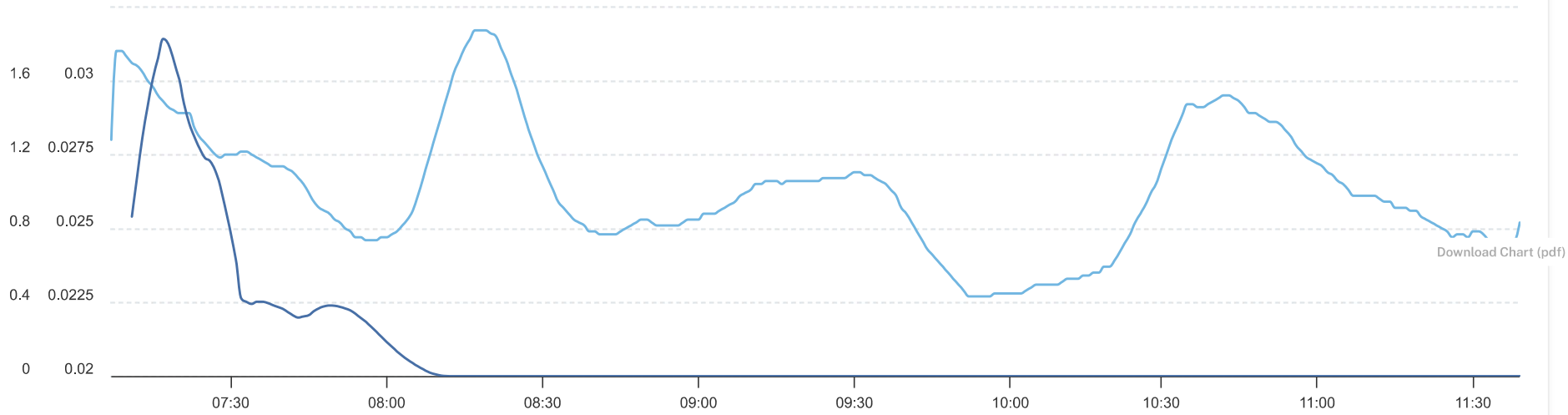
MIN **0** AVG **0** MAX **0**

Roux (new)

2B016134

08/06/2024 07:00 - 08/06/2024 15:30

(GMT-05:00) Eastern Time (US & Canada)



Download Chart (pdf)

Avg(Mass Conc. Total, mg/m^3, 15m)

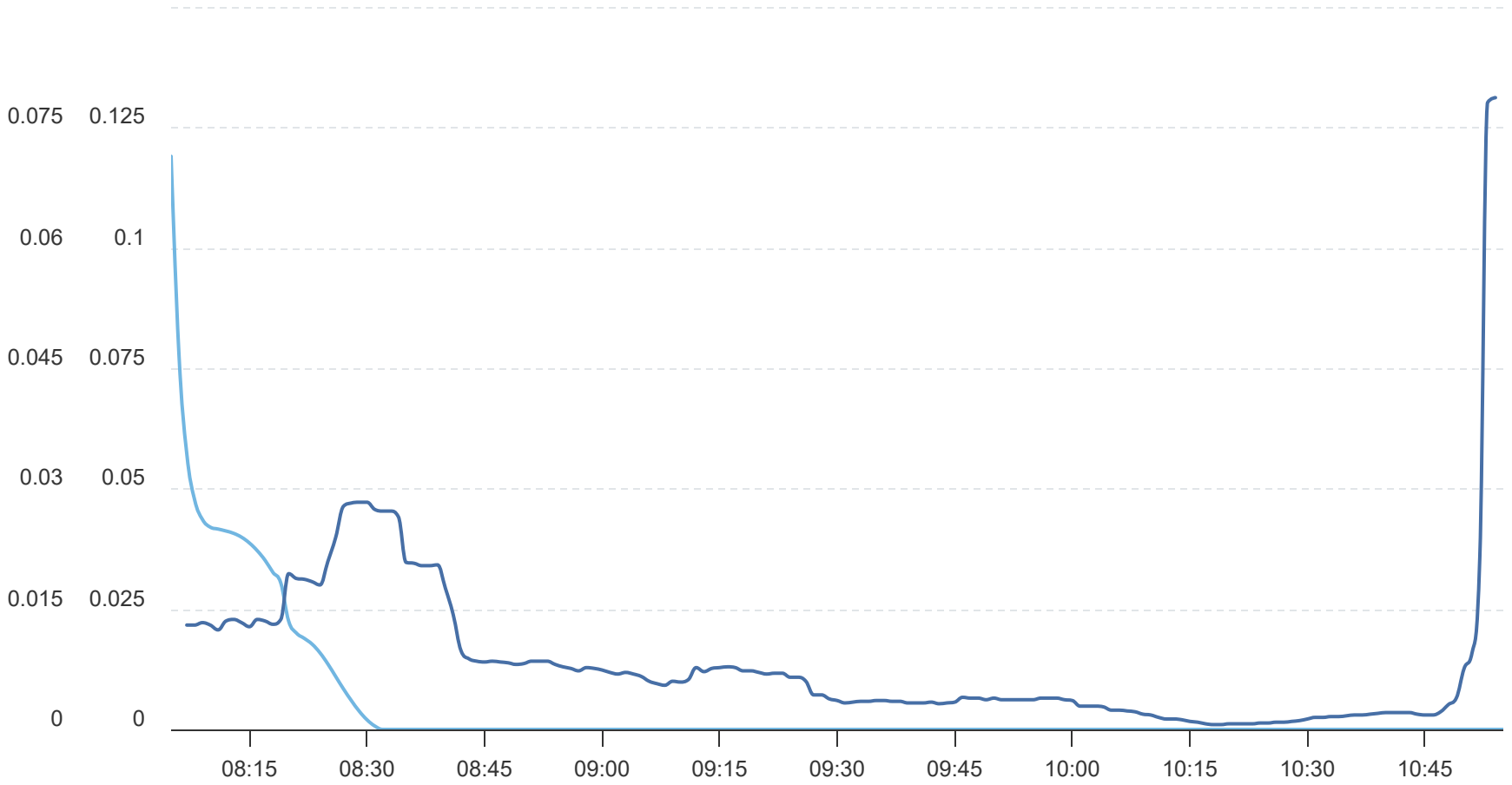
MIN **0.023** AVG **0.026** MAX **0.032**

Avg(VOC, ppm, 15m)

MIN **0** AVG **0.124** MAX **1.825**

Roux (new)
2B016134

10/29/2024 00:00 - 10/29/2024 23:30
(GMT-05:00) Eastern Time (US & Canada)

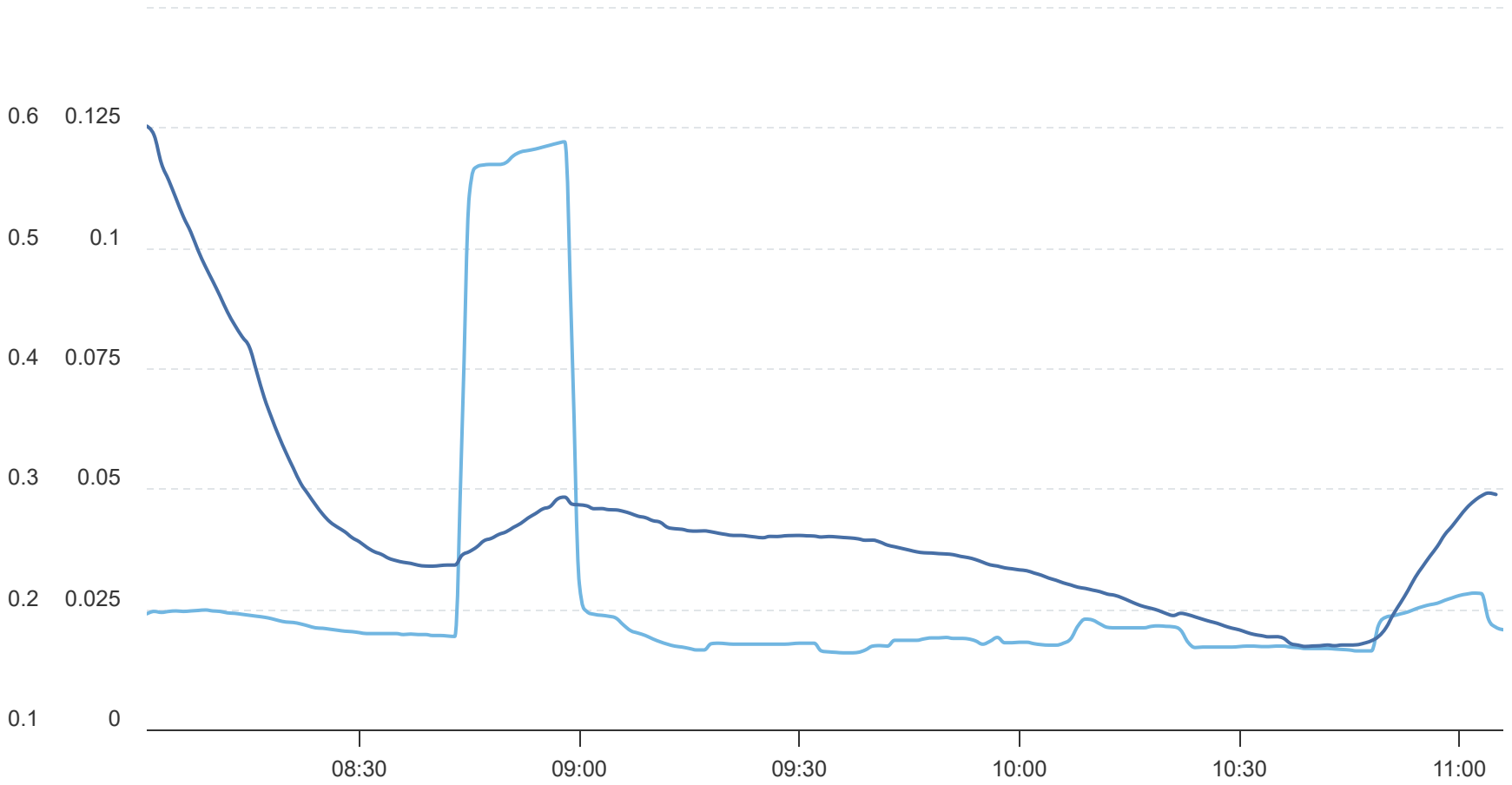


Roux Buffalo #2 (FA05348)

2B018856

10/29/2024 01:05 - 10/29/2024 23:31

(GMT-05:00) Eastern Time (US & Canada)

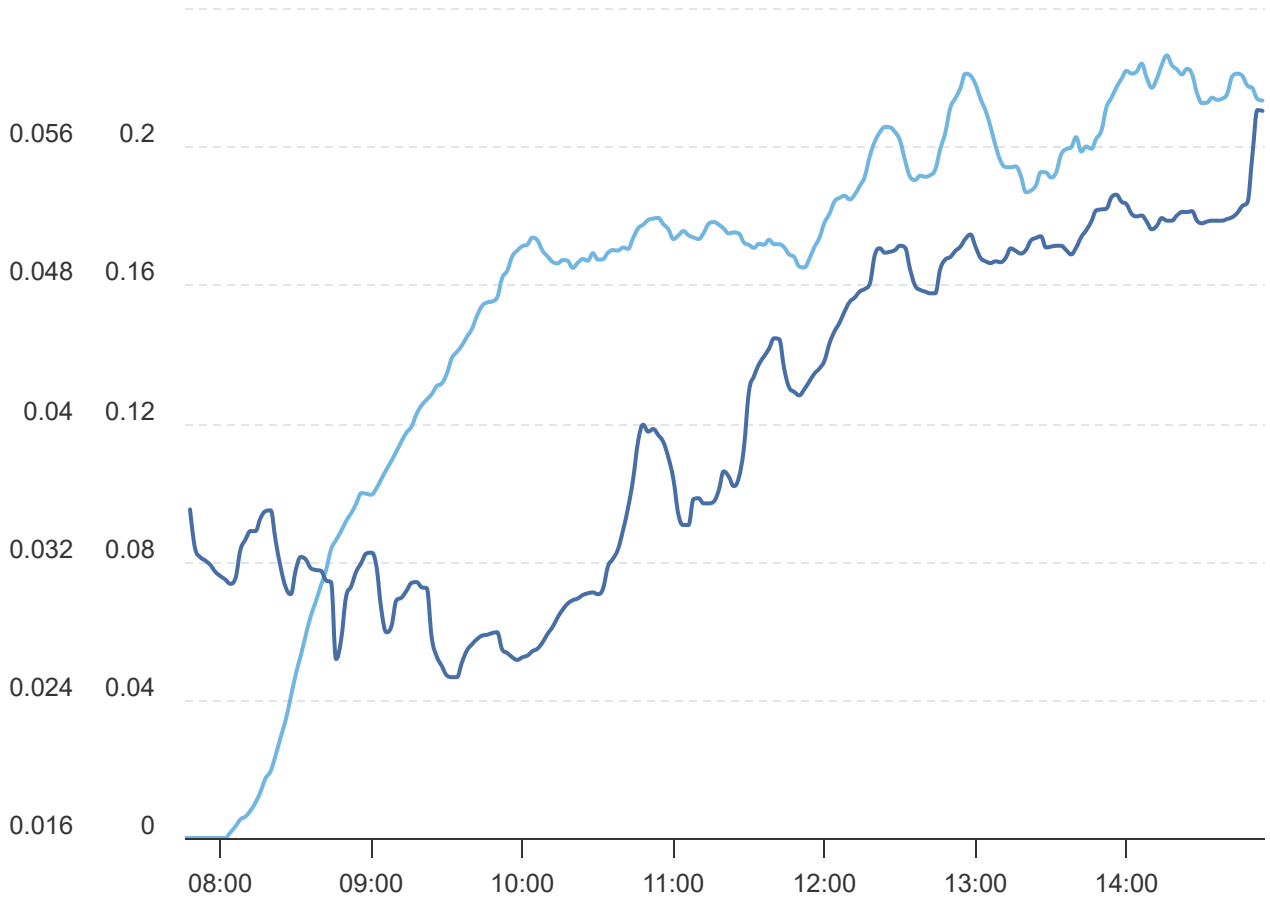


Roux (new)

2B016134

10/30/2024 00:05 - 10/30/2024 23:00

(GMT-05:00) Eastern Time (US & Canada)



Avg(VOC, ppm, 15m)

MIN **0** AVG **0.157** MAX **0.226**

Avg(Mass Conc. Total, mg/m^3, 15m)

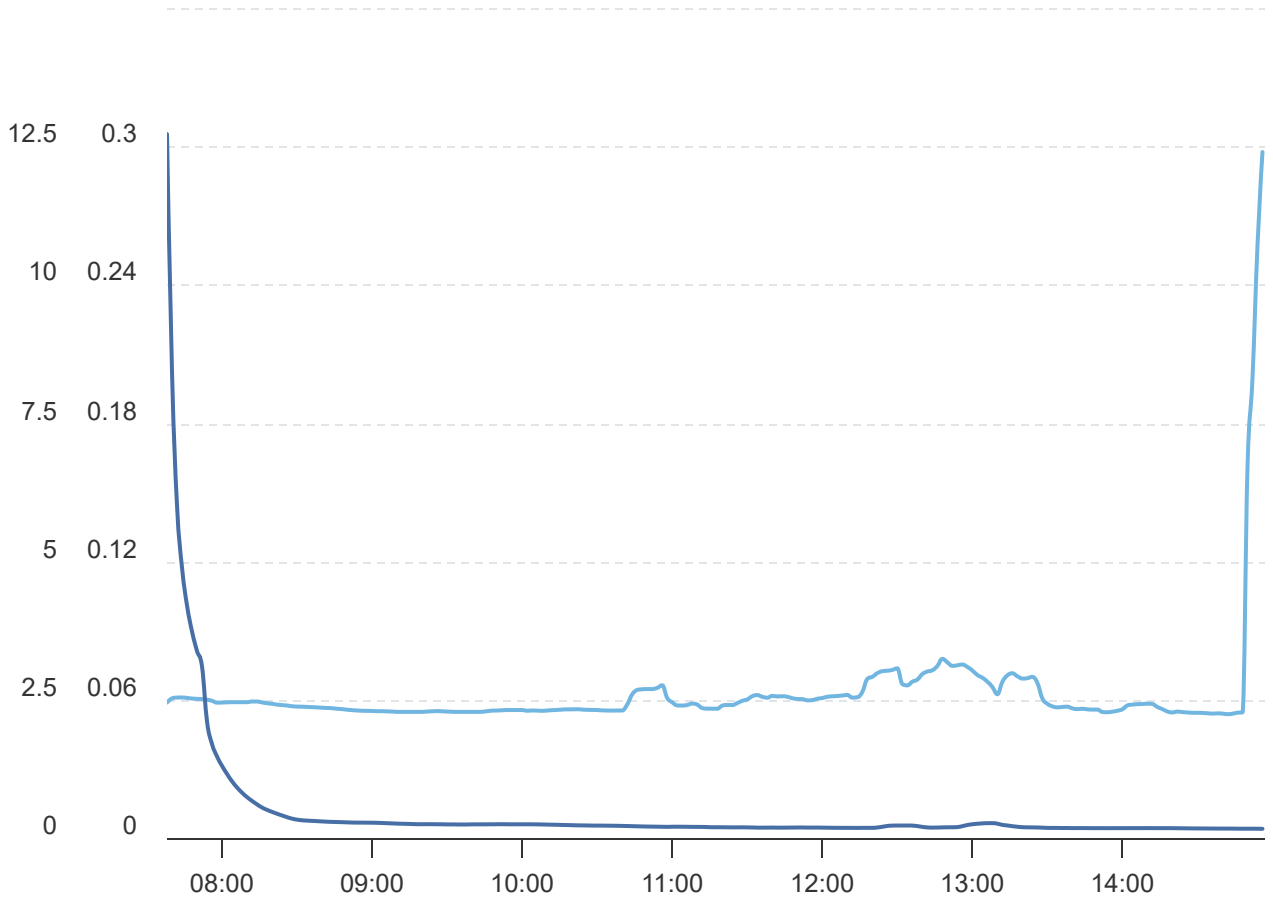
MIN **0.025** AVG **0.04** MAX **0.058**

Roux Buffalo #2 (FA05348)

2B018856

10/30/2024 00:05 - 10/30/2024 23:00

(GMT-05:00) Eastern Time (US & Canada)



Avg(Mass Conc. Total, mg/m^3, 15m)

MIN **0.054** AVG **0.063** MAX **0.298**

Avg(VOC, ppm, 15m)

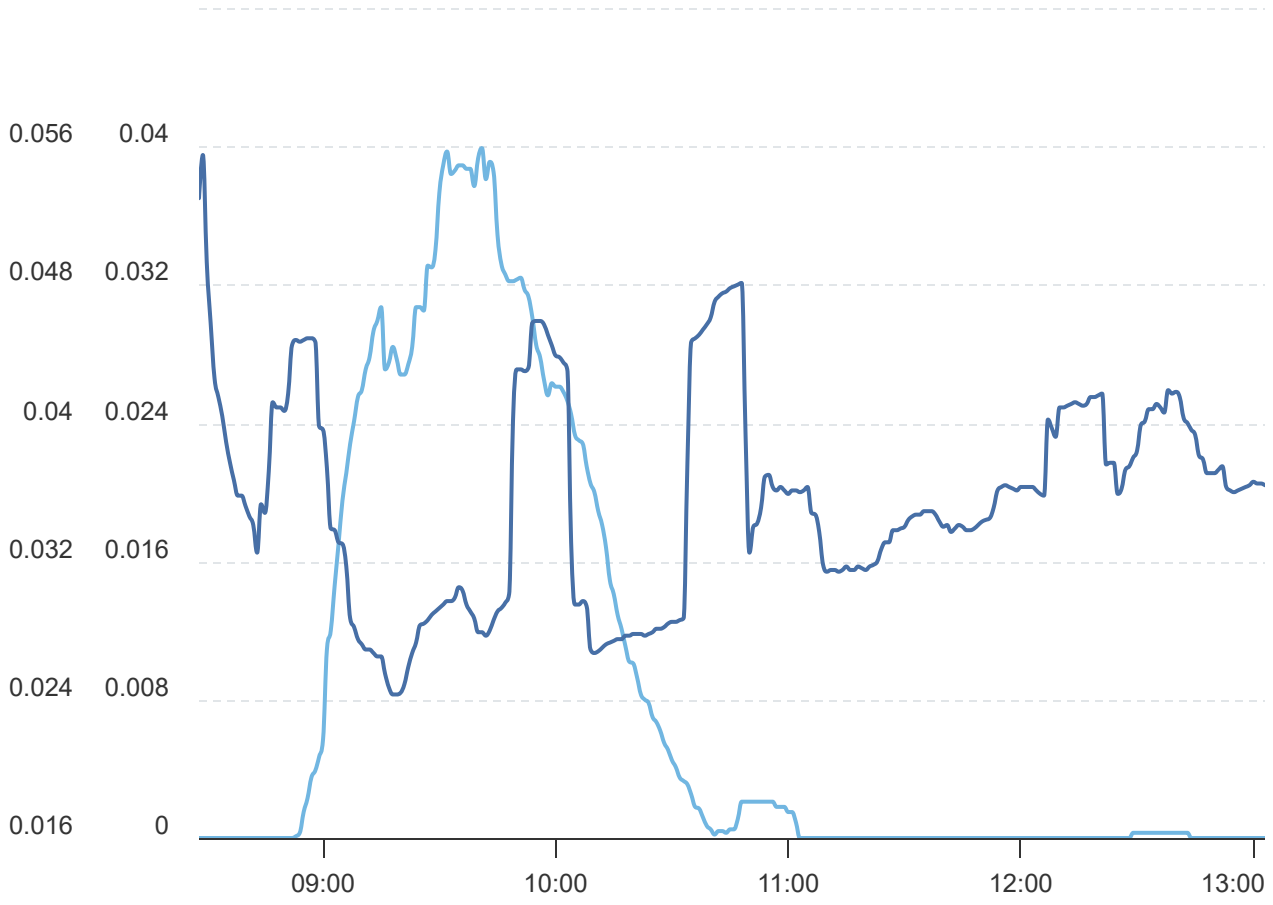
MIN **0.166** AVG **0.444** MAX **12.722**

Roux (new)

2B016134

10/31/2024 00:05 - 10/31/2024 23:55

(GMT-05:00) Eastern Time (US & Canada)



Avg(VOC, ppm, 15m)

MIN **0** AVG **0.008** MAX **0.04**

Avg(Mass Conc. Total, mg/m^3, 15m)

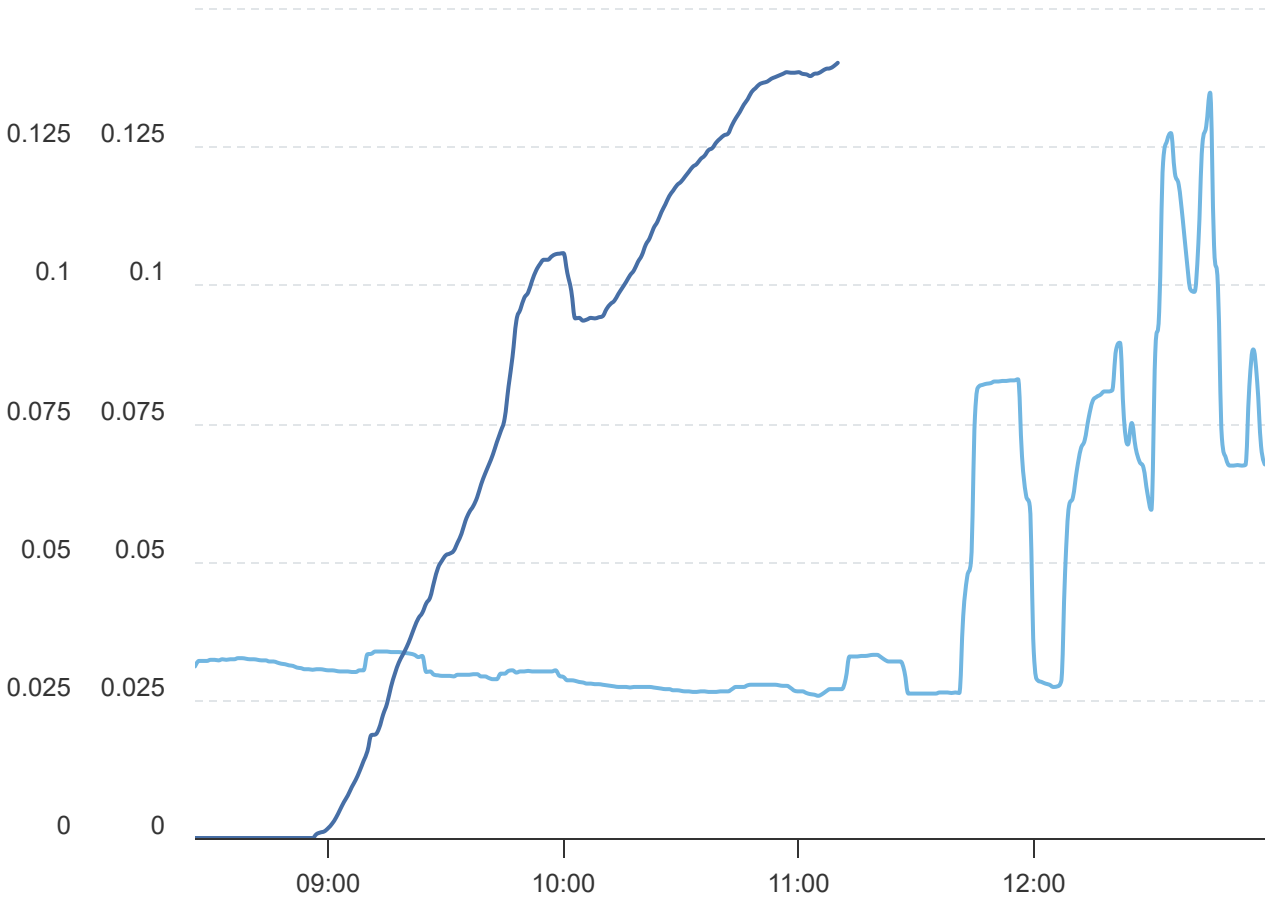
MIN **0.024** AVG **0.036** MAX **0.056**

Roux Buffalo #2 (FA05348)

2B018856

10/31/2024 00:05 - 10/31/2024 23:00

(GMT-05:00) Eastern Time (US & Canada)



Avg(Mass Conc. Total, mg/m^3, 15m)

MIN **0.026** AVG **0.043** MAX **0.135**

Avg(VOC, ppm, 15m)

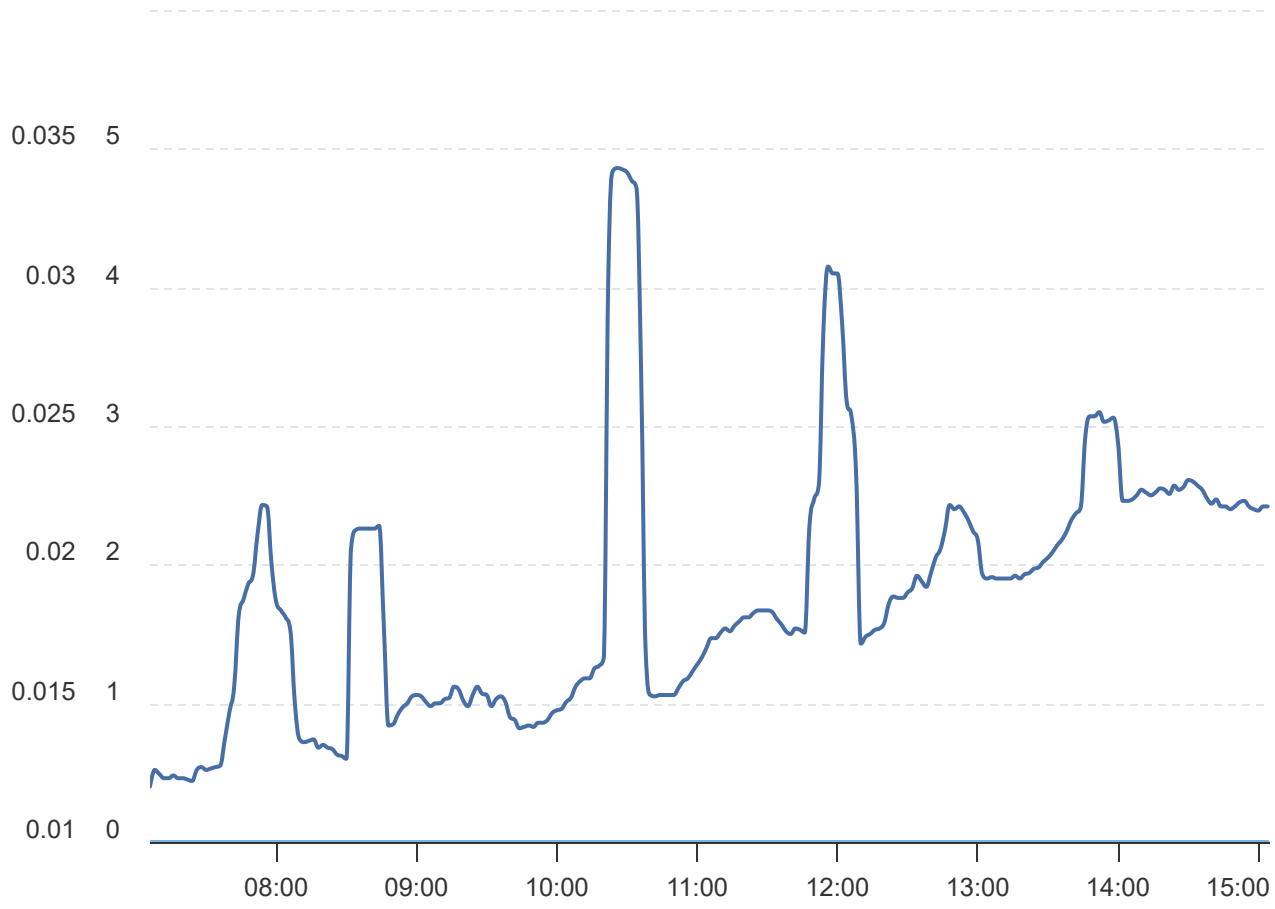
MIN **0** AVG **0.07** MAX **0.14**

Roux (new)

2B016134

11/12/2024 00:00 - 11/12/2024 22:40

(GMT-05:00) Eastern Time (US & Canada)



Avg(VOC, ppm, 15m)

MIN **0** AVG **0** MAX **0**

Avg(Mass Conc. Total, mg/m^3, 15m)

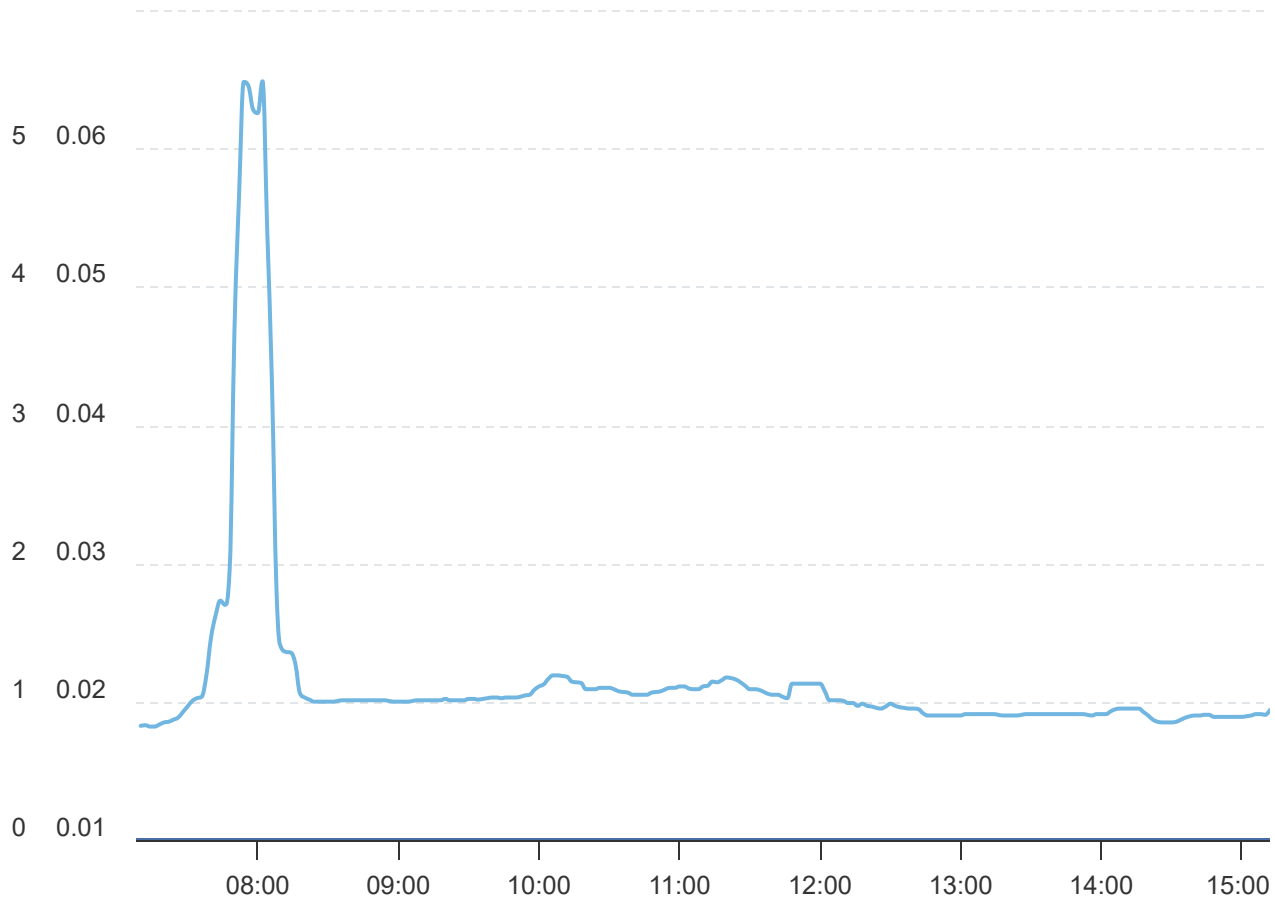
MIN **0.012** AVG **0.019** MAX **0.034**

Roux Buffalo #2 (FA05348)

2B018856

11/12/2024 00:00 - 11/12/2024 23:10

(GMT-05:00) Eastern Time (US & Canada)



Avg(Mass Conc. Total, mg/m^3, 15m)

MIN **0.018** AVG **0.022** MAX **0.066**

Avg(VOC, ppm, 15m)

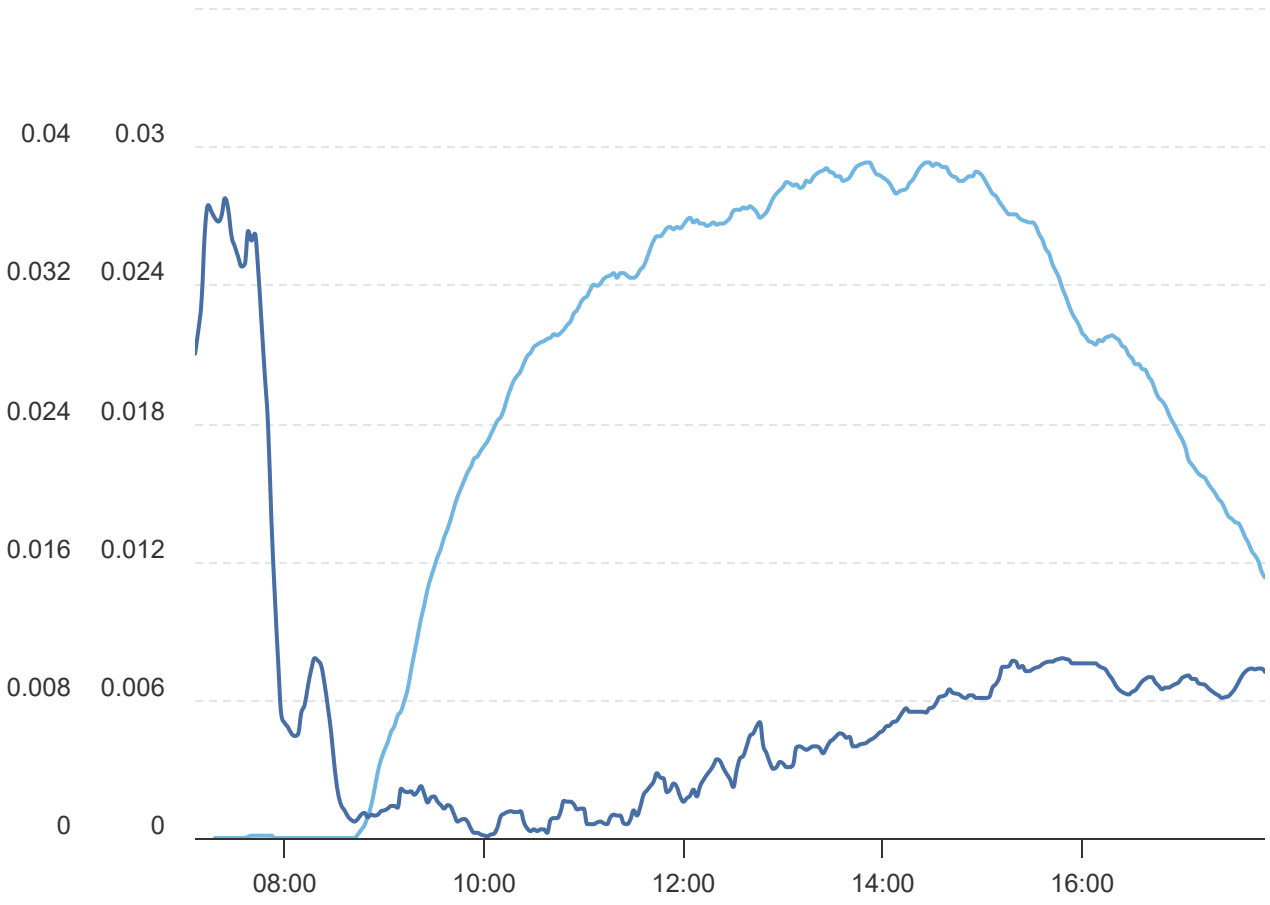
MIN **0** AVG **0** MAX **0**

Roux (new)

2B016134

11/13/2024 00:00 - 11/13/2024 23:05

(GMT-05:00) Eastern Time (US & Canada)



Avg(VOC, ppm, 15m)

MIN **0** AVG **0.019** MAX **0.029**

Avg(Mass Conc. Total, mg/m^3, 15m)

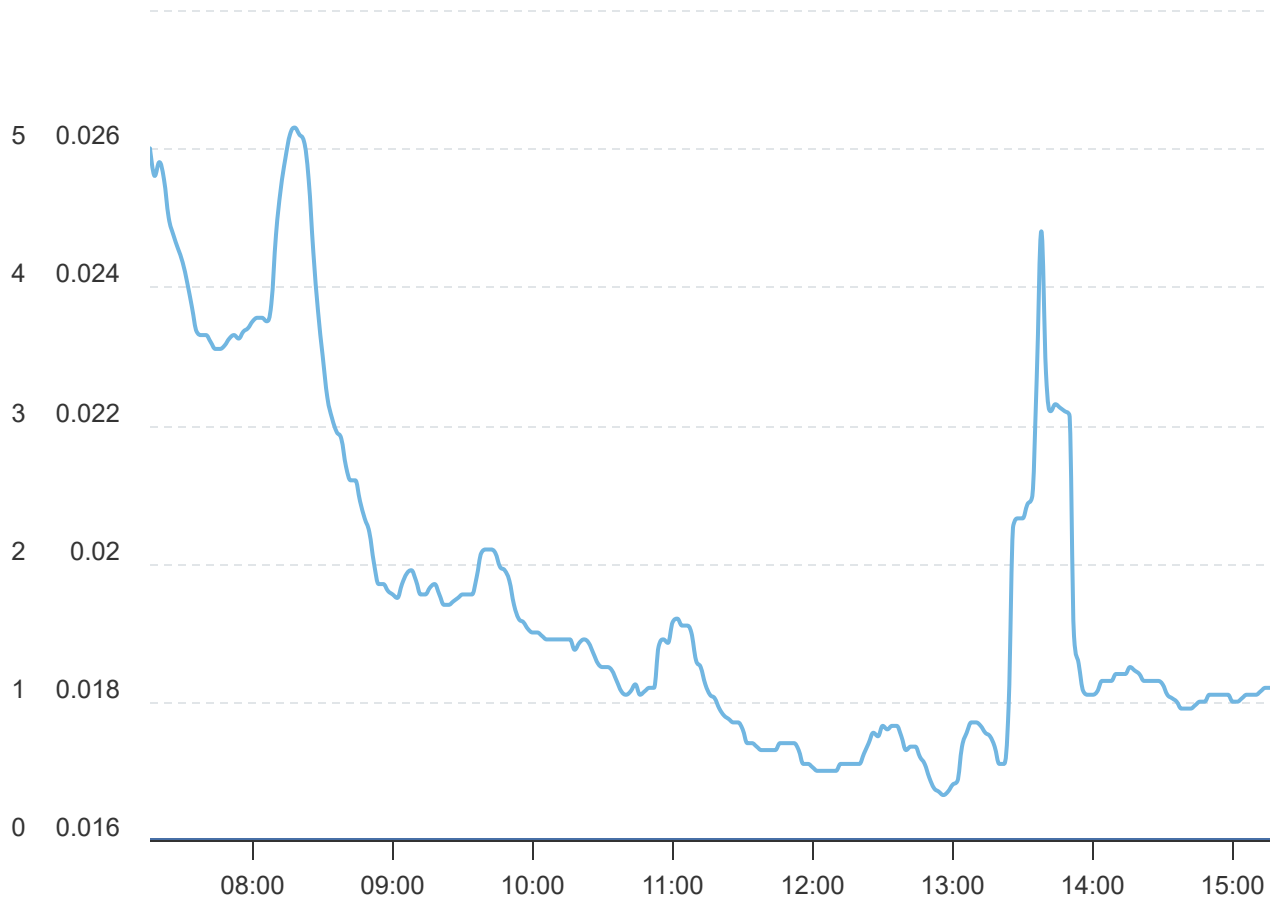
MIN **0** AVG **0.007** MAX **0.037**

Roux Buffalo #2 (FA05348)

2B018856

11/13/2024 00:00 - 11/13/2024 23:30

(GMT-05:00) Eastern Time (US & Canada)



Avg(Mass Conc. Total, mg/m^3, 15m)

MIN **0.017** AVG **0.02** MAX **0.026**

Avg(VOC, ppm, 15m)

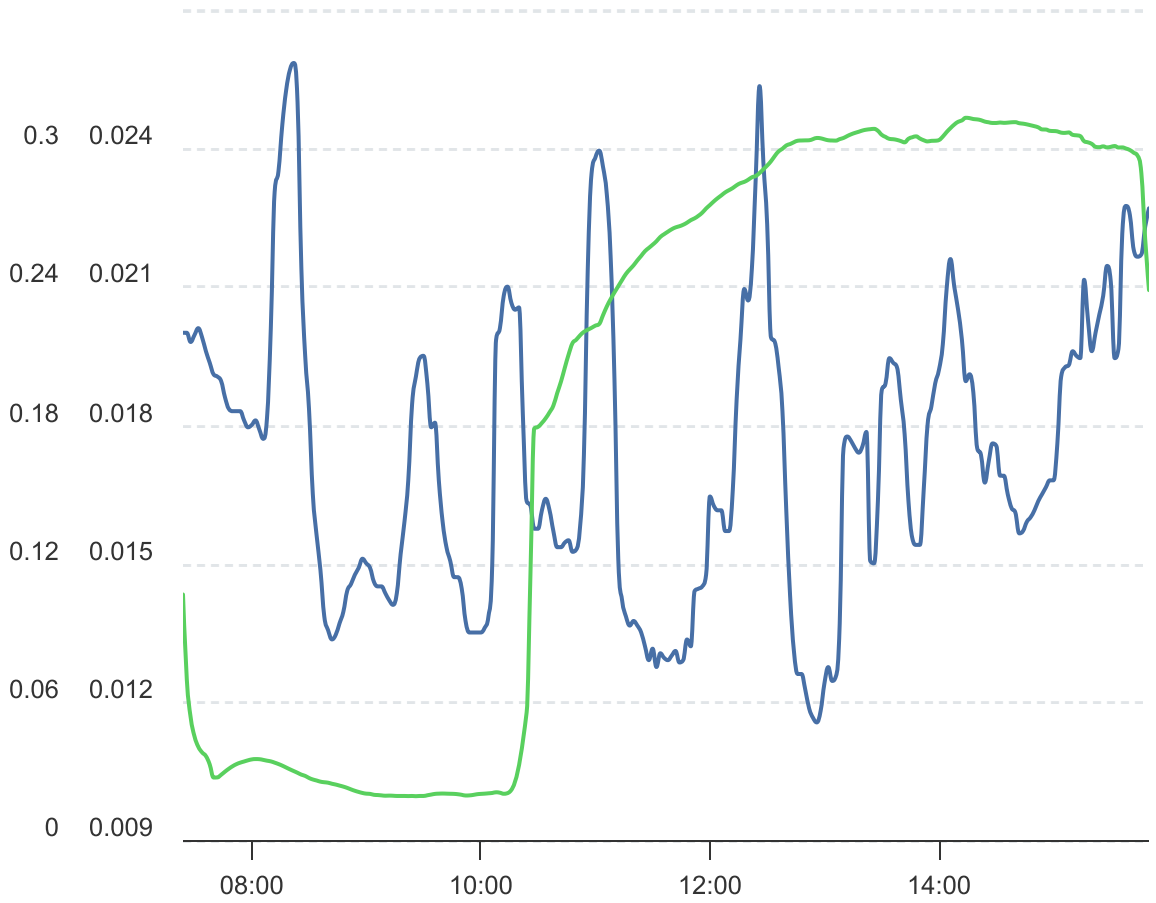
MIN **0** AVG **0** MAX **0**

Roux (new)

2B016134

11/19/2024 00:00 _ 11/19/2024 23:55

(GMT-05:00) Eastern Time (US & Canada)



Roux Buffalo #2 (FA05348)

2B018856

11/19/2024 00:00 _ 11/19/2024 23:55

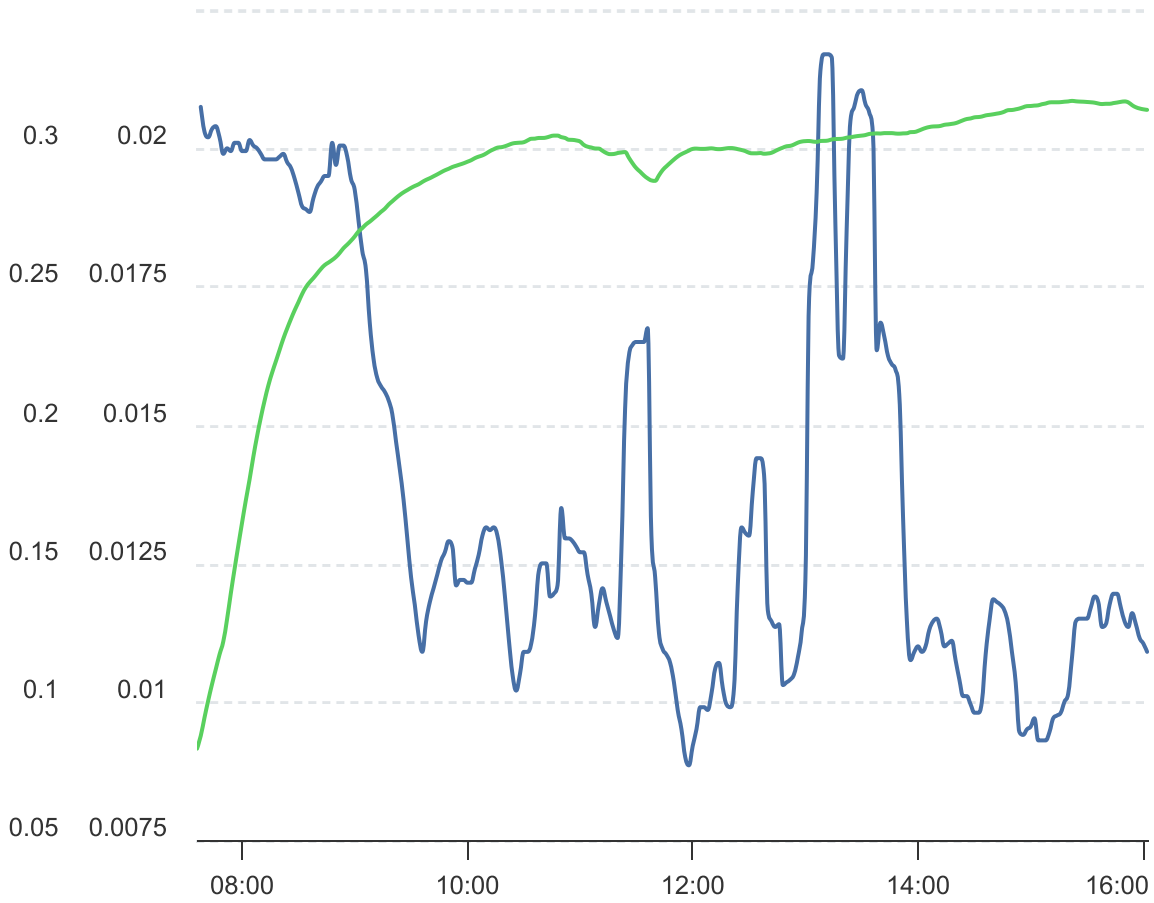
(GMT-05:00) Eastern Time (US & Canada)

Roux (new)

2B016134

11/21/2024 00:00 _ 11/21/2024 23:55

(GMT-05:00) Eastern Time (US & Canada)

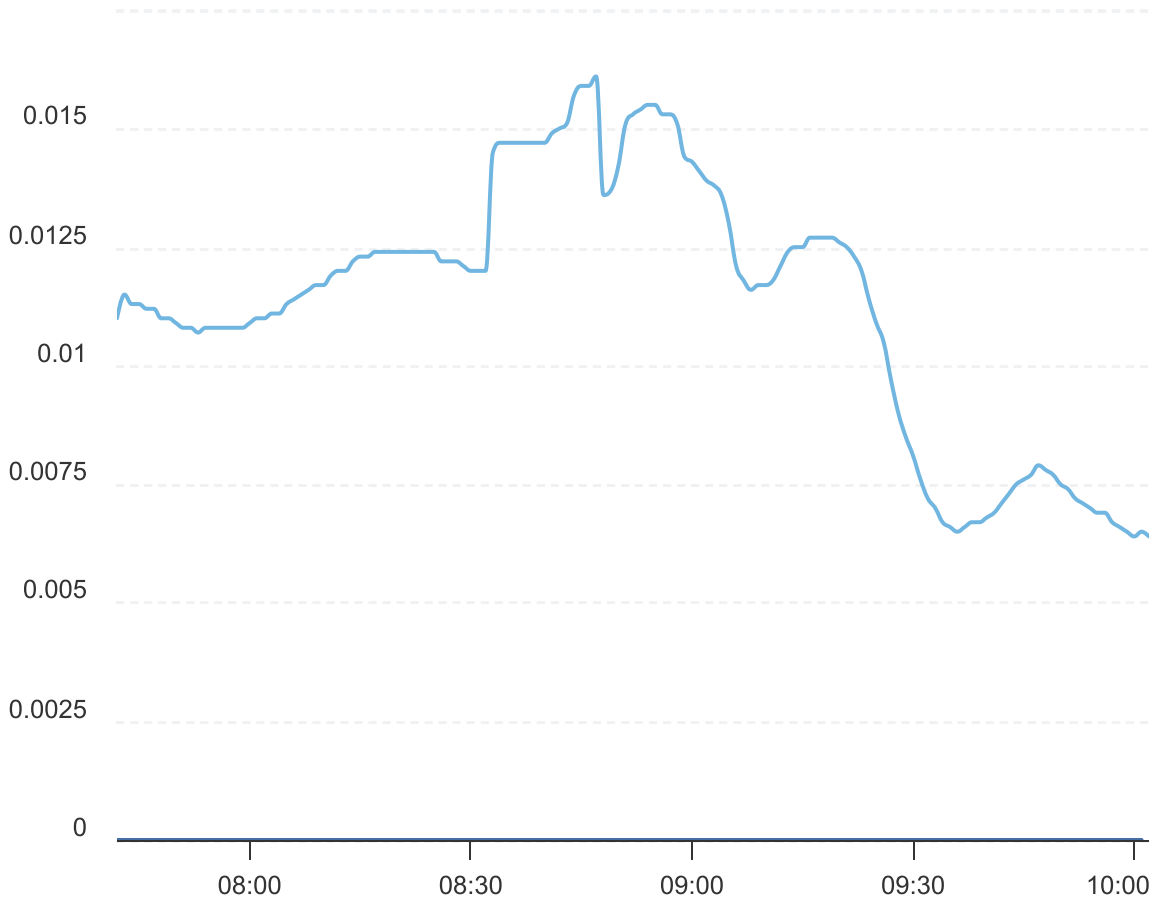


Roux Buff Rental #2 (FA06207)

2B513476

11/21/2024 00:00 _ 11/21/2024 23:20

(GMT-05:00) Eastern Time (US & Canada)

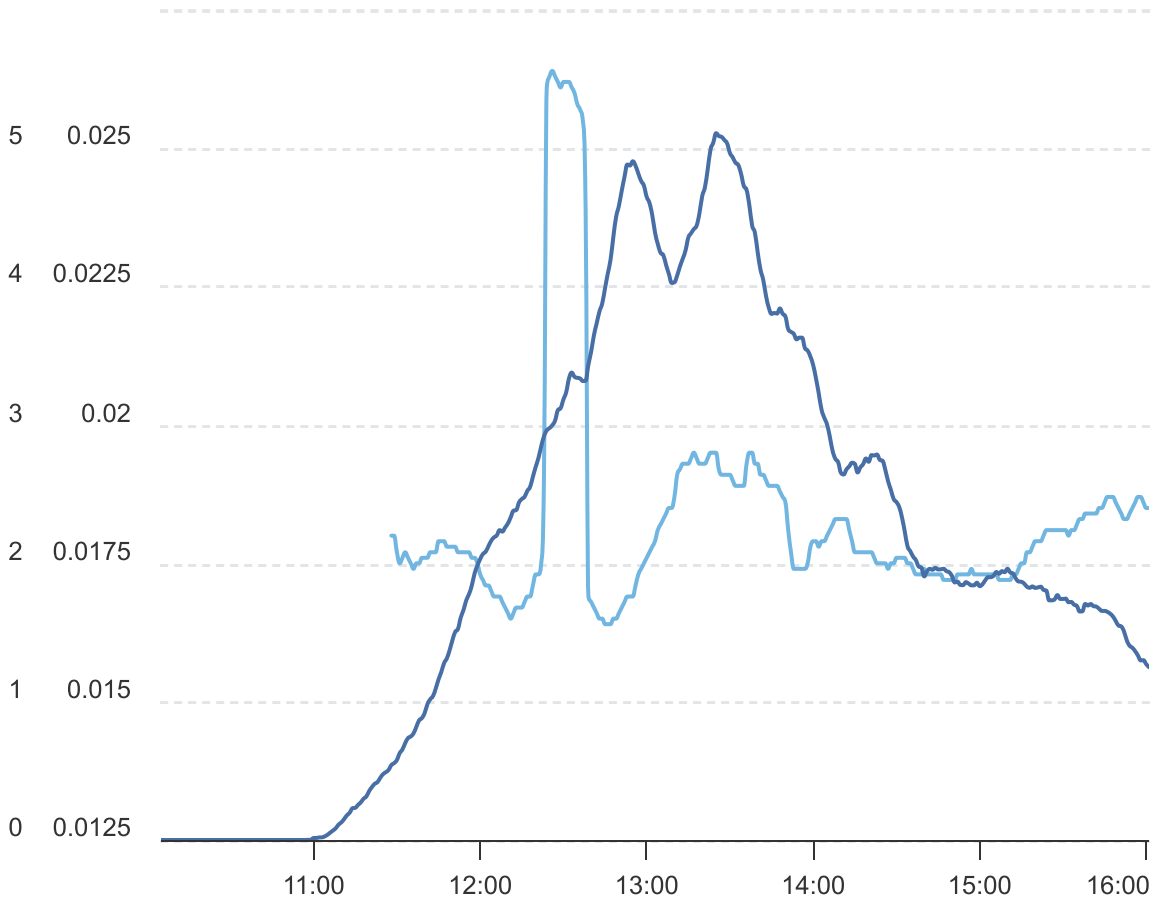


Roux Buffalo #2 (FA05348)

2B018856

11/21/2024 00:00 - 11/21/2024 23:55

(GMT-05:00) Eastern Time (US & Canada)

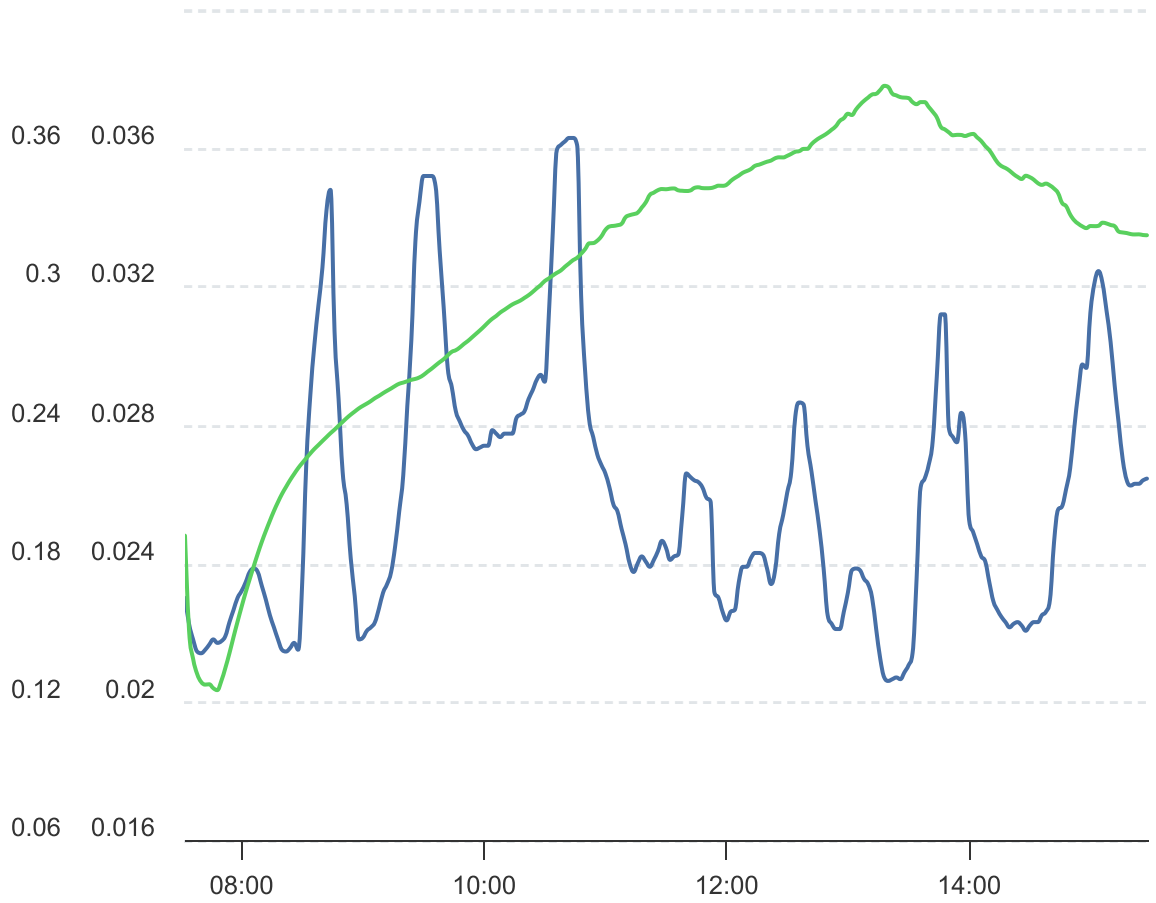


Roux (new)

2B016134

11/25/2024 00:00 _ 11/25/2024 23:00

(GMT-05:00) Eastern Time (US & Canada)

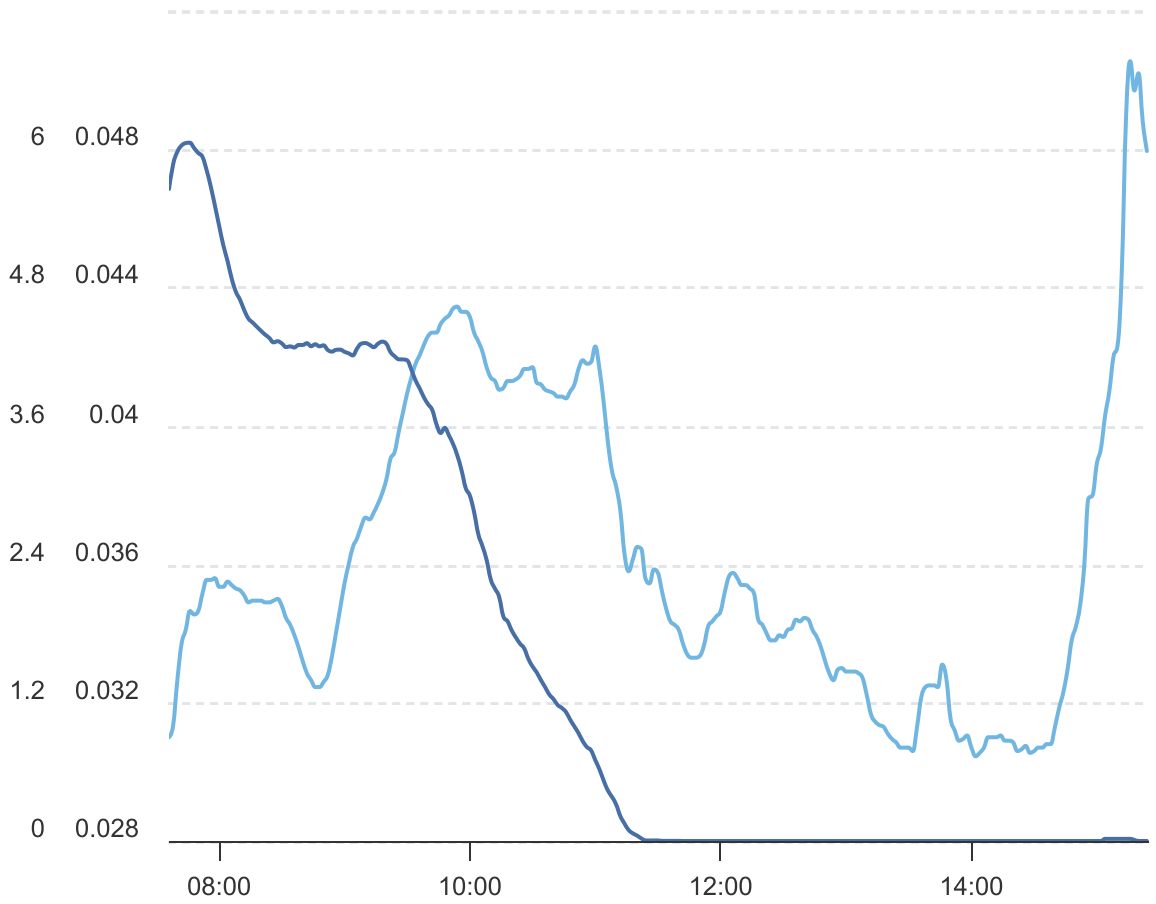


Roux Buffalo #2 (FA05348)

2B018856

11/25/2024 00:00 _ 11/25/2024 23:20

(GMT-05:00) Eastern Time (US & Canada)

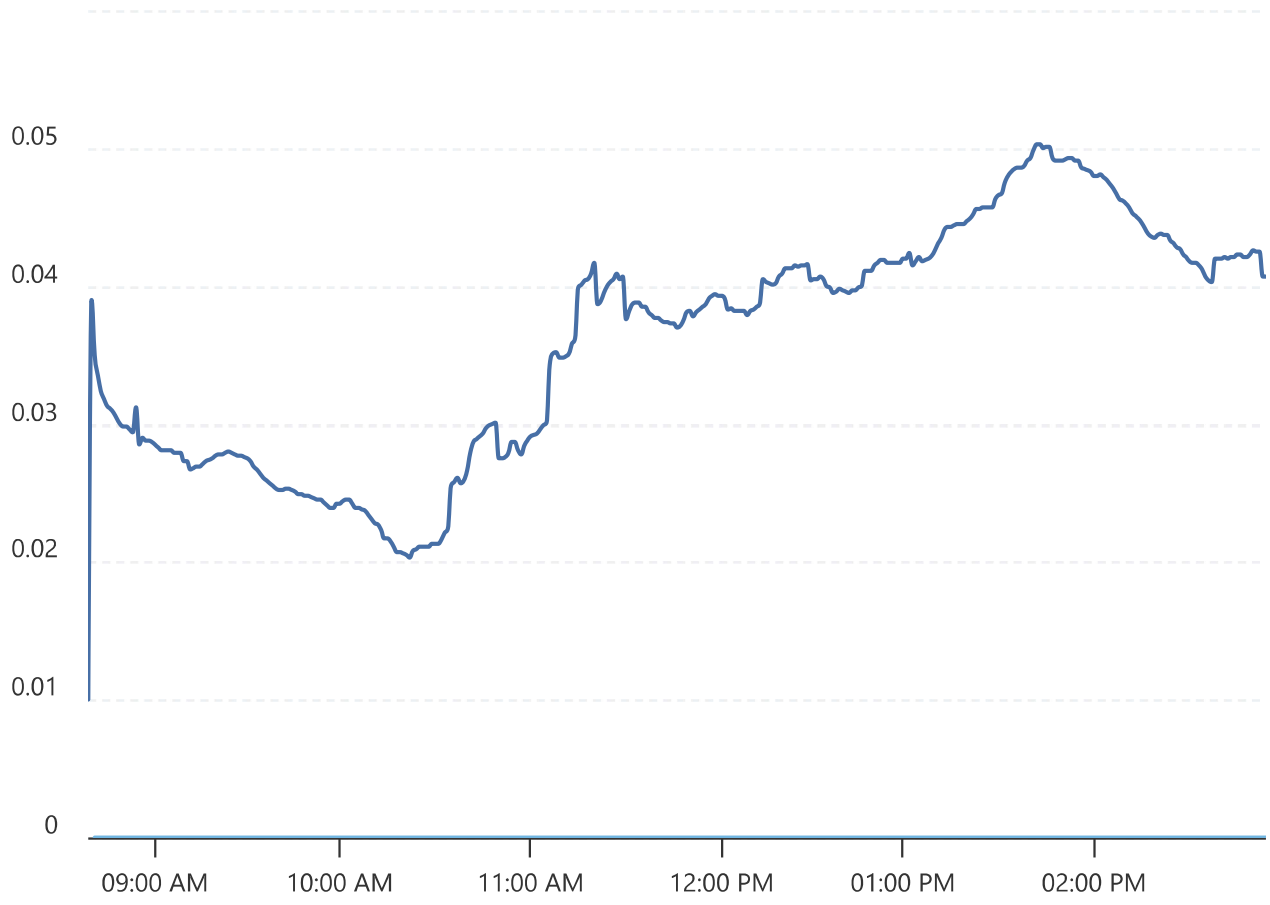


CAMP #7 (NEW)

2B561898

03/03/2025 07:00 - 03/03/2025 15:30

(GMT-05:00) Eastern Time (US & Canada)



Avg(VOC, ppm, 15m)

MIN **0** AVG **0** MAX **0**

Avg(Mass Conc. Total, mg/m^3, 15m)

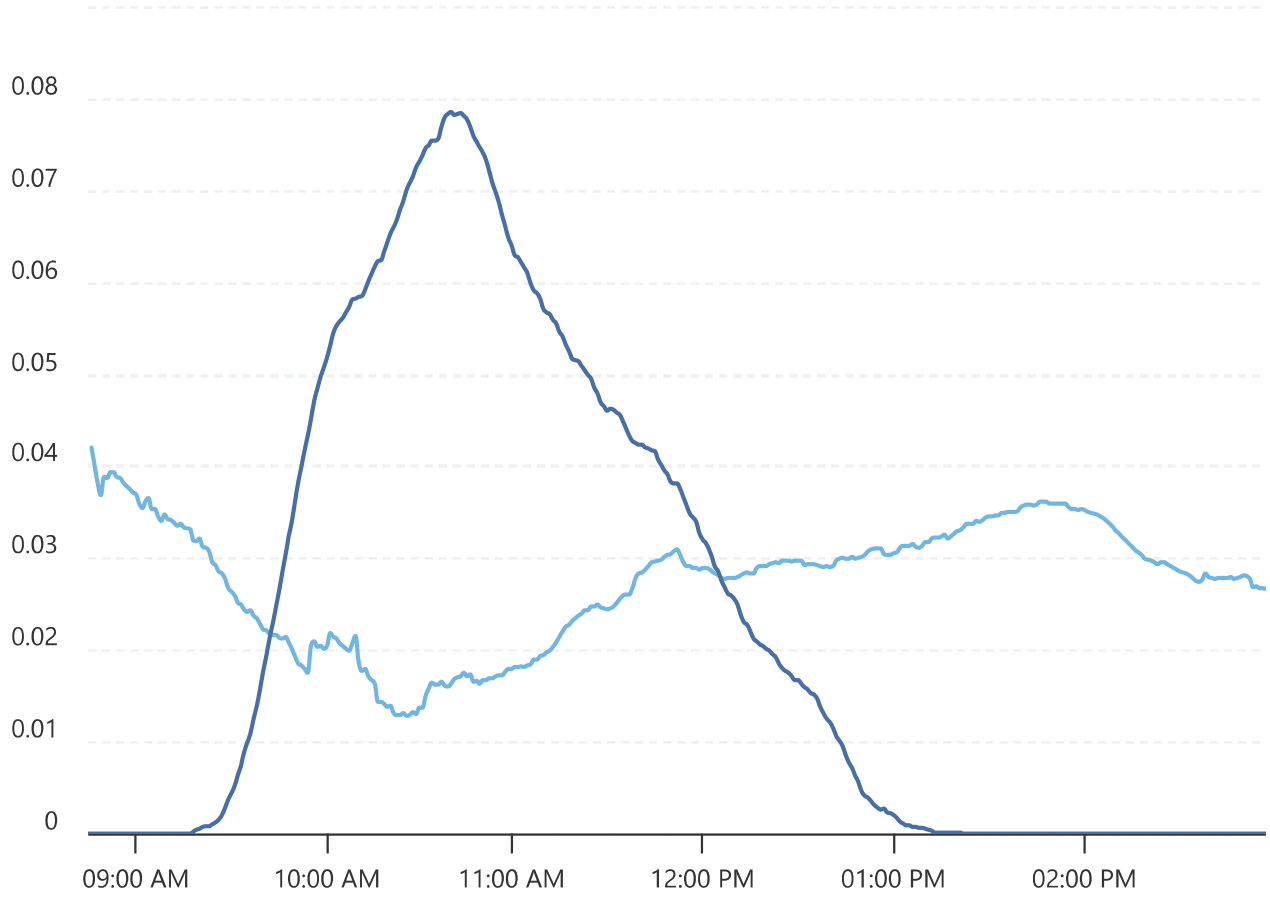
MIN **0.01** AVG **0.036** MAX **0.05**

CAMP #8 (NEW)

2B563819

03/03/2025 07:00 - 03/03/2025 15:30

(GMT-05:00) Eastern Time (US & Canada)



Avg(Mass Conc. Total, mg/m^3, 15m)

MIN **0.013** AVG **0.027** MAX **0.042**

Avg(VOC, ppm, 15m)

MIN **0** AVG **0.023** MAX **0.079**

CAMP #7 (NEW)

2B561898

03/04/2025 07:00 - 03/04/2025 15:30

(GMT-05:00) Eastern Time (US & Canada)

Avg(VOC, ppm, 15m)

MIN **0** AVG **0** MAX **0**

Avg(Mass Conc. Total, mg/m^3, 15m)

MIN **0.004** AVG **0.004** MAX **0.004**

CAMP #8 (NEW)

2B563819

03/04/2025 07:00 - 03/04/2025 15:30

(GMT-05:00) Eastern Time (US & Canada)

Avg(Mass Conc. Total, mg/m^3, 15m)

MIN **0.008** AVG **0.013** MAX **0.019**

Avg(VOC, ppm, 15m)

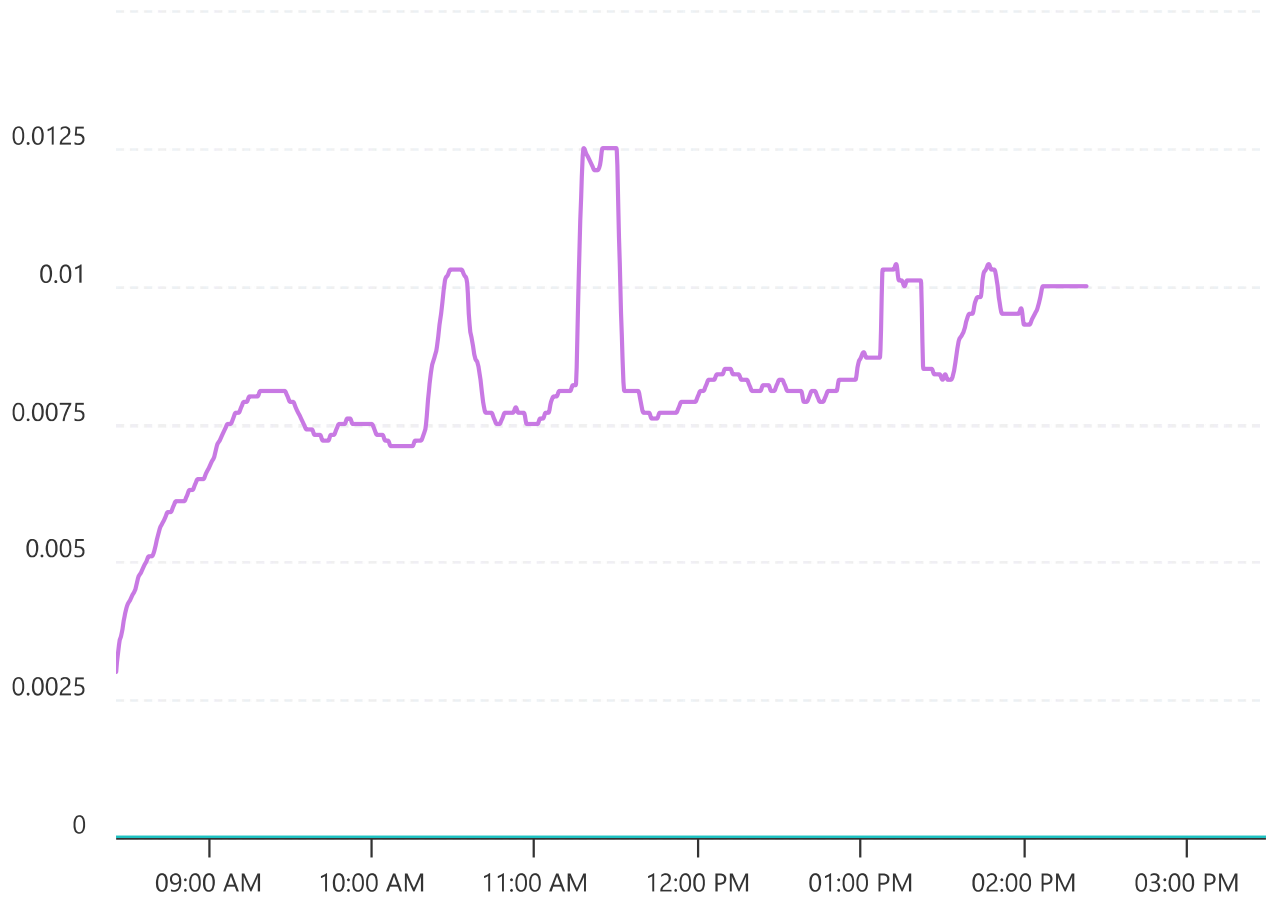
MIN **0** AVG **0** MAX **0**

CAMP #7 (NEW)

2B561898

03/06/2025 07:00 - 03/06/2025 15:30

(GMT-05:00) Eastern Time (US & Canada)



Avg(Mass Conc. Total, mg/m^3, 15m)

MIN **0.003** AVG **0.008** MAX **0.013**

Avg(VOC, ppm, 15m)

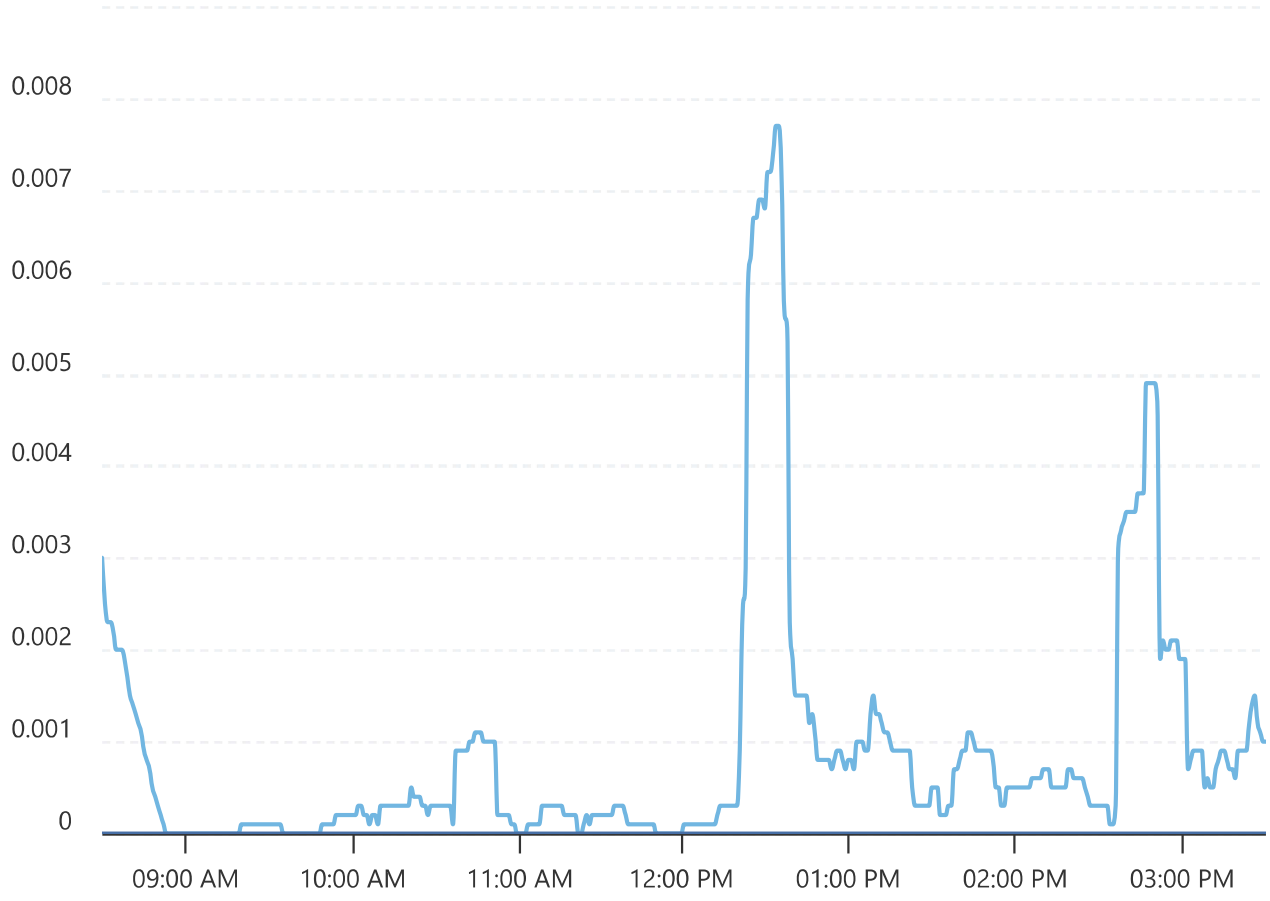
MIN **0** AVG **0** MAX **0**

CAMP #8 (NEW)

2B563819

03/06/2025 07:00 - 03/06/2025 15:30

(GMT-05:00) Eastern Time (US & Canada)



Avg(Mass Conc. Total, mg/m^3, 15m)

MIN **0** AVG **0.001** MAX **0.008**

Avg(VOC, ppm, 15m)

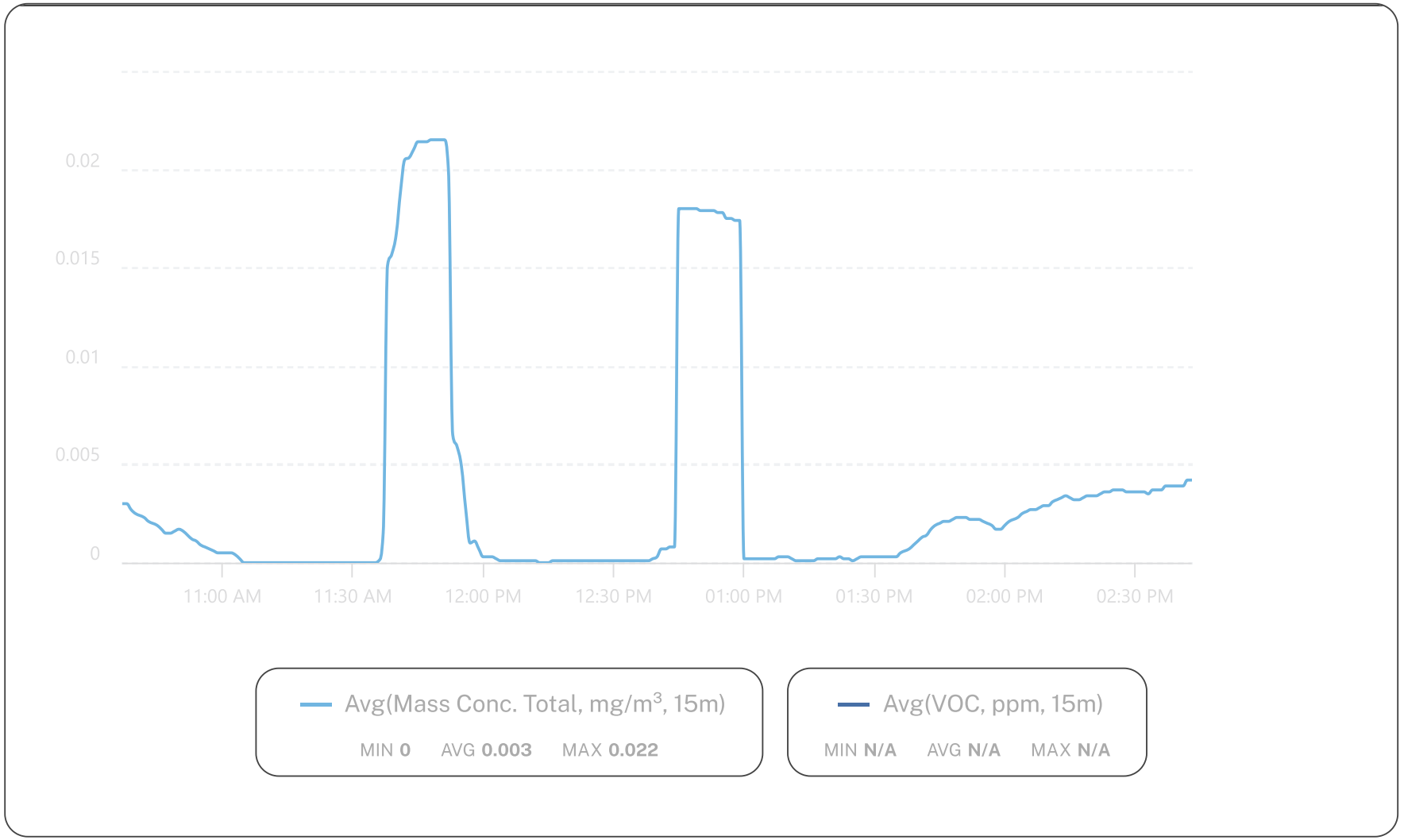
MIN **0** AVG **0** MAX **0**

CAMP #5 (NEW)

2B538108

05/05/2025 08:00 - 05/05/2025 15:00

(GMT-05:00) Eastern Time (US & Canada)

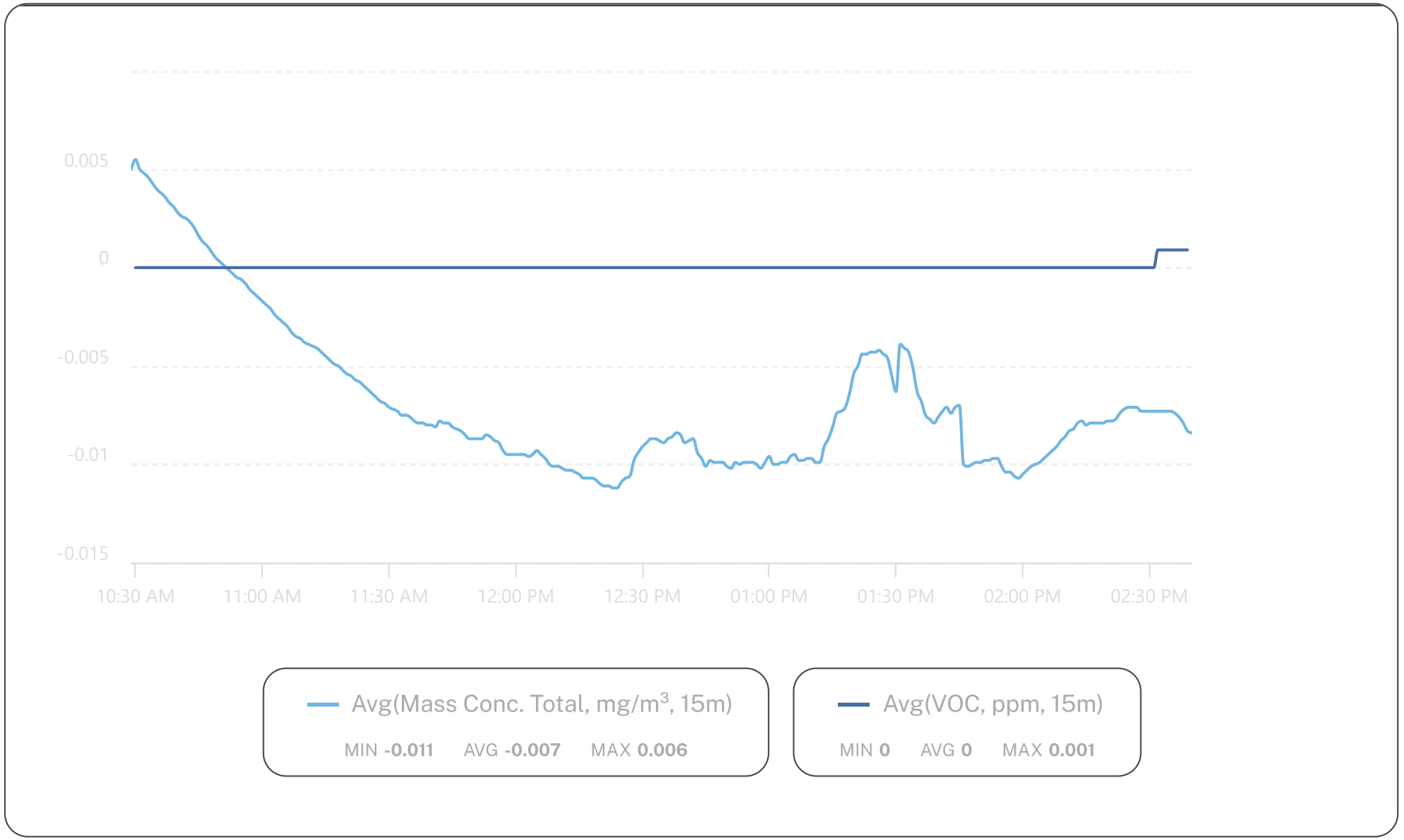


CAMP #7 (NEW)

2B561898

05/05/2025 08:00 - 05/05/2025 15:00

(GMT-05:00) Eastern Time (US & Canada)



APPENDIX F

Data Usability Summary Report (DUSR)

Data Validation Services

120 Cobble Creek Road P. O. Box
208 North Creek, NY 12853
Phone (518) 251-4429
harry@frontiernet.net

August 3, 2024

Jessica Dombrowski
Roux Environmental Engineering and Geology, D. P. C.
2558 Hamburg Turnpike Suite 300
Buffalo, NY 14218

RE: 1681-1689 Main Street Site
Data Usability Summary Report (DUSR); Validation of Analytical Laboratory Data Packages
Alpha SDG Nos. L2402229, L2411889, L2412775, L2413849, L2414624, L2415210, L2415927, L2416128, L2417442, L2417628, and L2418621

Dear Ms. Dombrowski:

Review has been completed for the data packages generated by Alpha Analytical that pertain to samples collected between 01/11/24 and 04/04/24 at the 1681-1689 Main Street site. Five soil samples, one soil field duplicates, seven aqueous samples, and one aqueous field duplicate were processed for TCL and NYCRR Part 375 CP-51 volatile analytes, TCL and NYCRR Part 375 CP-51 semivolatiles, 1,4-dioxane, Tentatively Identified Compounds (TICs), TCL pesticides, TCL herbicides, TCL Aroclor PCBs, per- and polyfluoroalkyl substances (PFAS), and TAL metals. The aqueous samples were processed for TAL metals on the dissolved fraction. Twenty six additional soil samples and a field duplicate were processed for various combinations of those parameters. Nine 2.7L soil vapor samples were processed for volatile analytes. Field and trip blanks and sample matrix spikes were also processed. The analytical methodologies are those of the USEPA SW846,EPA TO-15, and draft USEPA method 1633.

The data packages submitted by the laboratory contain full deliverables for validation, and this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, with guidance from the USEPA national and regional validation documents, and in consideration for the specific requirements of the analytical methodology. The following items were reviewed:

* Data Completeness
* Case Narrative
* Custody Documentation/Sample Receipt
* Holding Times
* Surrogate, Isotopic Dilution, and Internal Standard Recoveries
* Method/Field/Trip/Canister Blanks
* Matrix Spike Recoveries/Duplicate Correlations
* Blind Field Duplicate Correlations
* Laboratory Control Sample (LCS)
* Instrumental Tunes
* Initial and Continuing Calibration Standards
* Method Compliance
* Sample Result Verification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR level review, as discussed in NYS DER-10 Appendix B Section 2.0 (c). Documentation of the outlying parameters cited in this report can be found in the laboratory data packages.

In summary, results for the samples are usable either as reported or with minor qualification, with the exception of the following results that are rejected and not usable:

- 1,4-Dioxane derived from the volatile fraction due to poor relative instrument response
- 2,4-Dinitrophenol in one sample due to apparent matrix effect

Data completeness, accuracy, precision, representativeness, reproducibility, sensitivity, and comparability are acceptable, although no field duplicate evaluation was performed on the soil vapor samples.

Validation data qualifier definitions and client sample identifications are attached to this text. Also included in this report are the client EDDs with recommended qualifiers/edits applied in red.

Blind Field Duplicates

The blind field duplicate evaluations were performed on locations TP-8 3-4', TP-12 1-2', and MW-4. Correlations fall within validation guidelines with the exceptions of the following, the results for which have been qualified as estimated in the indicated parent sample and their field duplicates:

- Acetone, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, and indeno(1,2,3-cd)-pyrene inTP-8 3-4'
- Fluoranthene, arsenic, barium, copper, lead, iron, manganese, sodium, and zinc in TP-12 1-2'

Volatile Analyses by EPA 8260D

The detected results for MW-5 5-8 are qualified as estimated, with a high bias, due to elevated surrogate standard BFB recovery (133%).

Results for twenty five analytes in TP-12 1-2' are qualified as estimated, with a low bias, due to low recoveries in the matrix spikes of those samples. Matrix effects are suspected.

Matrix spikes performed on MW-6 show recoveries and correlations that are within validation guidelines.

LCS recoveries are within validation guidelines, with the exception of those for bromomethane (56%) in the LCSs associated with MW-2 4-5 and MW-4 5-6. The results for that compound in those two samples have been qualified as estimated, with a low bias.

Results for 1,4-dioxane in the samples are rejected due to poor instrument relative response (RRF < 0.01). Other calibration standards show responses within validation guidelines, with the exceptions of the following, the results for which have been qualified as estimated in the indicated associated samples:

- Vinyl chloride, bromomethane, 1,1-dichloroethene, freon-113, and 1,4-dichlorobenzene (21%D to 44%D) in MW-2 4-5 and MW-4 5-6

- Vinyl chloride and freon-113 (22%D to 53%D) in TP-6 1-2 and all samples reported in SDGs L2415210 and L2416128
- Dichlorodifluoromethane and freon-113 (21%D to 53%D) in TP-6 1-2 and all samples reported in SDG L2416128

Internal standard recoveries are compliant. Blanks show no contamination affecting sample reported results.

Results for TICs that are also present in associated blank are considered external contamination. Although the laboratory did not flag the common sample TICs with the "B" flag, that evaluation was made during validation, as could best be determined, and affected TICs are removed from consideration as sample components.

TCL Semivolatile and 1,4-Dioxane Analyses by EPA8270E

The result for 2,4-dinitrophenol in TP-12 1-2'is rejected due to lack of recovery in the matrix spikes of that sample. The result for 4-chloroaniline in the sample is qualified as estimated due to low recoveries (27% and 33%) in those matrix spikes.

Matrix spikes of MW-6 show recoveries and correlations within validation guidelines. The matrix spike evaluation of TP-2 1-2' are not applicable, as they were performed at dilution.

Due to presence in the associated blanks, the detections of naphthalene in samples reported in SDG L2417628, and of pentachlorophenol in MW-5, are considered external contamination and edited to reflect non-detection.

LCS recoveries are within validation guidelines, with the exceptions of the following results for which are qualified as estimated in the indicated associated samples:

Associated Samples	Analyte	Outlying % Recoveries	Outlying %RPD
TP-7 2-3	hexachlorocyclopentadiene	16,10	51
	carbazole	46,50	
	1,4-dioxane	30,36	
Samples reported in SDG L2416128	hexachlorocyclopentadiene	16,10	51
	carbazole	46,50	
	1,4-dioxane	30,36	

Calibration standards show responses within validation guidelines, with the exception of the following, the results for which have been qualified as estimated in the indicated associated samples:

- Hexachlorocyclopentadiene (46%D) in TP-22 1-2
- 1,2,4,5-Tetrachlorobenzene (22%D) in all samples reported in SDG L2415210

Results for TICs that are also present in associated blank are considered external contamination. Although the laboratory did not flag the common sample TICs with the "B" flag, that evaluation was made during validation, as could best be determined, and affected TICs are removed from consideration as sample components.

Surrogate and internal standard recoveries are compliant.

Pesticides, Herbicides, and Aroclor PCB Analyses by USEPA 8081B, 8151, and 8082A

Some of the detected pesticide results exhibit elevated dual column quantitative correlations, and are qualified to reflect the uncertainty in identification and/or quantitation. The values have been either qualified as estimated ("J"), qualified as tentative in identification and estimated in value ("NJ"), or edited to non-detection ("U"), depending on the degree of variance.

The matrix spike evaluations were performed for pesticides, herbicides, and Aroclors 1016 and 1260 on TP-12 1-2' and MW-6, and show recoveries and correlations within validation guidelines.

Surrogate and internal standard recoveries are within validation guidelines.

Calibration standards show responses within validation guidelines. LCS recoveries are within required ranges. Blanks show no contamination.

PFAS by Draft EPA Method 1633

Matrix spikes of MW-1 and MW-6 show recoveries and correlations within validation guidelines. LCS recoveries are compliant.

Isotopic dilution and internal standard recoveries are within validation guidelines.

Calibration standard responses are compliant. Blanks show no contamination. Ion ratios are compliant.

Volatile Air Analyses by TO-15

The canister for SV-02 was received with a vacuum reading of -19"Hg, indicating failure of sample collection. The results for that sample that report no detection are therefore rejected. Detected values are qualified as estimated, with a low bias of unknown magnitude.

The results for chloromethane in OA-01 and ethyl acetate in SV-08 are qualified as tentative in identification and estimated in value due to poor mass spectral quality.

The results for acetone in OA-01, SV-02, and SV-03 are qualified as estimated due to interferences in the quantitation fragment ion. Those acetone values for OA-01 and SV-03 are biased high.

Holding times were met. Internal standard recoveries are compliant. Calibration standards show responses within validation action levels. Blanks show no contamination.

LCS recoveries are within validation guidelines, with the following exception, the results for which are qualified as estimated in the indicated associated samples:

Associated Samples	Analyte	Outlying % Recoveries
SV-03, SV-04, SV-06, and SV-08	ethanol	178
	1,1,1-trichloroethane	138

TAL Metals by EPA 6010D, 6020B, 7271A, and 7471B

Matrix spikes and/or duplicate evaluations were performed for TAL analytes on TP-3 2-4, TP-2 1-2, MW-6, TP-12 1-2', the filtered fraction of MW-6, and for mercury on MW-5 5-8. The results for the following analytes are qualified as estimated in the indicated parent sample due to outlying recoveries and correlations:

Parent Sample	Element	Outlying % Recoveries
TP-3 2-4	Arsenic	126
	Potassium	150
TP-2 1-2	Lead	22
	Potassium	168,212
	Zinc	53,61
MW-6	Magnesium	20,60

The ICP serial dilution determinations of TP-3 2-4, TP-2 1-2, TP-12 1-2', and MW-6 show correlations that are within validation guidelines.

Calibration and low level standard responses are compliant. Blanks show no contamination affecting sample reported results.

The laboratory data package did not include the result Form 1 for metals on TP-11 1-2'. Those results were reported on the EDD, and those were used for validation.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

Judy Harry

Judy Harry

Attachments: Validation Data Qualifier Definitions
Sample Identifications
Qualified Laboratory EQuIS EDDs

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Sample Identification Summary

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2402229
Report Date: 01/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2402229-01	TP-3 2-4	SOIL	BUFFALO, NY	01/11/24 11:40	01/12/24
L2402229-02	TP-4 1-2	SOIL	BUFFALO, NY	01/11/24 13:00	01/12/24
L2402229-03	TP-20-SS 0-1	SOIL	BUFFALO, NY	01/11/24 11:10	01/12/24
L2402229-04	TP-20 1-3	SOIL	BUFFALO, NY	01/11/24 11:15	01/12/24
L2402229-05	TP-20 4-6	SOIL	BUFFALO, NY	01/11/24 11:20	01/12/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411889
Report Date: 03/12/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2411889-01	TP-20 2-3	SOIL	BUFFALO, NY	03/05/24 08:00	03/05/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2412775
Report Date: 03/15/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2412775-01	TP-18 2-3	SOIL	BUFFALO, NY	03/07/24 09:30	03/08/24
L2412775-02	TP-19 3-4	SOIL	BUFFALO, NY	03/07/24 10:15	03/08/24
L2412775-03	TP-22 1-2	SOIL	BUFFALO, NY	03/07/24 11:00	03/08/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2413849
Report Date: 03/21/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2413849-01	TP-14 1-2	SOIL	BUFFALO, NY	03/13/24 08:00	03/14/24
L2413849-02	TP-15 0.5-1	SOIL	BUFFALO, NY	03/13/24 14:00	03/14/24
L2413849-03	TP-16 1-2	SOIL	BUFFALO, NY	03/13/24 11:00	03/14/24
L2413849-04	TP-17 1-3	SOIL	BUFFALO, NY	03/13/24 09:30	03/14/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2414624
Report Date: 04/01/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2414624-01	MW-1 4-7	SOIL	Not Specified	03/18/24 09:15	03/18/24
L2414624-02	MW-1 10-12	SOIL	Not Specified	03/18/24 09:30	03/18/24
L2414624-03	MW-2 4-5	SOIL	Not Specified	03/18/24 13:15	03/18/24
L2414624-04	MW-3 5-6	SOIL	Not Specified	03/18/24 12:45	03/18/24
L2414624-05	MW-4 5-6	SOIL	Not Specified	03/18/24 11:00	03/18/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2415210
Report Date: 04/03/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2415210-01	MW-5 5-8	SOIL	BUFFALO, NY	03/20/24 11:00	03/20/24
L2415210-02	MW-6 5-8	SOIL	BUFFALO, NY	03/20/24 13:00	03/20/24
L2415210-03	MW-7 4-8	SOIL	BUFFALO, NY	03/20/24 09:00	03/20/24

Project Name: 1681-1689 MAIN
Project Number: 4461.0001B002

Lab Number: L2415927
Report Date: 04/05/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2415927-01	TP-1 2-3	SOIL	BUFFALO, NY	03/22/24 14:00	03/22/24
L2415927-02	TP-2 1-2	SOIL	BUFFALO, NY	03/22/24 12:20	03/22/24
L2415927-03	TP-5 2-3	SOIL	BUFFALO, NY	03/22/24 11:00	03/22/24
L2415927-04	TP-6 1-2	SOIL	BUFFALO, NY	03/22/24 13:10	03/22/24
L2415927-05	TP-7 2-3	SOIL	BUFFALO, NY	03/22/24 12:40	03/22/24
L2415927-06	TP-8 3-4	SOIL	BUFFALO, NY	03/22/24 11:20	03/22/24
L2415927-07	TP-9 2-3	SOIL	BUFFALO, NY	03/22/24 09:20	03/22/24
L2415927-08	BLIND DUP	SOIL	BUFFALO, NY	03/22/24 08:00	03/22/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2416128
Report Date: 04/08/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2416128-01	TP-10 0.5-2'	SOIL	BUFFALO, NY	03/25/24 13:40	03/25/24
L2416128-02	TP-11 1-2'	SOIL	BUFFALO, NY	03/25/24 11:40	03/25/24
L2416128-03	TP-12 1-2'	SOIL	BUFFALO, NY	03/25/24 11:00	03/25/24
L2416128-04	BLIND DUP	SOIL	BUFFALO, NY	03/25/24 08:00	03/25/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417442
Report Date: 04/10/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2417442-01	SV-01	SOIL_VAPOR	BUFFALO, NY	03/29/24 15:40	03/29/24
L2417442-02	SV-02	SOIL_VAPOR	BUFFALO, NY	03/29/24 15:45	03/29/24
L2417442-03	SV-03	SOIL_VAPOR	BUFFALO, NY	03/29/24 15:50	03/29/24
L2417442-04	SV-04	SOIL_VAPOR	BUFFALO, NY	03/29/24 15:58	03/29/24
L2417442-05	SV-05	SOIL_VAPOR	BUFFALO, NY	03/29/24 16:10	03/29/24
L2417442-06	SV-06	SOIL_VAPOR	BUFFALO, NY	03/29/24 16:18	03/29/24
L2417442-07	SV-07	SOIL_VAPOR	BUFFALO, NY	03/29/24 16:25	03/29/24
L2417442-08	SV-08	SOIL_VAPOR	BUFFALO, NY	03/29/24 16:30	03/29/24
L2417442-09	OA-01	SOIL_VAPOR	BUFFALO, NY	03/29/24 16:40	03/29/24
L2417442-10	UNUSED CAN #320	SOIL_VAPOR	BUFFALO, NY		03/29/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2417628
Report Date: 04/15/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2417628-01	MW-1	WATER	Not Specified	04/01/24 10:50	04/01/24
L2417628-02	MW-2	WATER	Not Specified	04/01/24 13:50	04/01/24
L2417628-03	MW-3	WATER	Not Specified	04/01/24 15:00	04/01/24
L2417628-04	MW-4	WATER	Not Specified	04/01/24 12:40	04/01/24
L2417628-05	BLIND DUP	WATER	Not Specified	04/01/24 08:00	04/01/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2418621
Report Date: 04/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2418621-01	MW-5	WATER	BUFFALO, NY	04/04/24 12:35	04/05/24
L2418621-02	MW-6	WATER	BUFFALO, NY	04/04/24 10:40	04/05/24
L2418621-03	MW-7	WATER	BUFFALO, NY	04/04/24 14:00	04/05/24
L2418621-04	FIELD BLANK	WATER	BUFFALO, NY	04/04/24 15:00	04/05/24
L2418621-05	EQUIPMENT BLANK	WATER	BUFFALO, NY	04/04/24 15:15	04/05/24
L2418621-06	TRIP BLANK	WATER	BUFFALO, NY	04/04/24 00:00	04/05/24

Data Validation Services

120 Cobble Creek Road P. O. Box
208 North Creek, NY 12853
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September 30, 2024; Revisions of January 8, 2025 and March 6, 2026

Jessica Dombrowski
Roux Environmental Engineering and Geology, D. P. C.
2558 Hamburg Turnpike Suite 300
Buffalo, NY 14218

RE: 1681-1689 Main Street Site
Data Usability Summary Report (DUSR); Validation of Analytical Laboratory Data Packages
Alpha SDG Nos. L2403073, L2403760, L2411599, L2411600, L2411891, L2411892, L2419226, L2419646, L2419938, L2419962, L2420331, L2420825, L2420829, L2420832, L2421118, L2421779, L2424265, L2424271, L2424539, L2424794, L2426107, L2426109, L2426938, L2427314, L2427653, L2427657, L2427923, L2427924, L2428778, L2428784, L2428793, L2429932 L2429937, L2431257, L2431266, L2432686, L2433414, L2433787, L2434665, L2431673, L2435606 L2436259, L2436264, L2436606, L2436988, L2437604, L2437608, L2466625, and L2468035

Dear Ms. Dombrowski:

Review has been completed for the data packages generated by Alpha Analytical that pertain to samples collected between 1/18/24 and 11/19/24 at the 1681-1689 Main Street site. Two hundred and twenty three soil samples and ten soil field duplicates were processed for various combinations of TCL and NYCRR Part 375 CP-51 volatile analytes, TCL semivolatiles, Tentatively Identified Compounds (TICs), polynuclear aromatic hydrocarbons (PAHs), TCL Aroclor PCBs (PCBs), per- and polyfluoroalkyl substances (PFAS), RCRA metals, barium, and TAL metals. Six aqueous samples were processed for TCL and NYCRR Part 375 CP-51 volatile analytes, TCL semivolatiles, Tentatively Identified Compounds (TICs), TCL pesticides, TCL herbicides, PCBs, PFAS, and dissolved TAL metals. The analytical methodologies are those of the USEPA SW846 and USEPA draft method 1633.

The data packages submitted by the laboratory contain full deliverables for validation, and this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, with guidance from the USEPA national and regional validation documents, and in consideration for the specific requirements of the analytical methodology. The following items were reviewed:

* Data Completeness
* Case Narrative
* Custody Documentation/Sample Receipt
* Holding Times
* Surrogate, Isotopic Dilution, and Internal Standard Recoveries
* Method/Preparation/Calibration Blanks
* Matrix Spike Recoveries/Duplicate Correlations
* Blind Field Duplicate Correlations
* Laboratory Control Sample (LCS)

* Instrumental Tunes
* Initial and Continuing Calibration Standards
* Method Compliance
* Sample Result Verification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR level review, as discussed in NYS DER-10 Appendix B Section 2.0 (c). Documentation of the outlying parameters cited in this report can be found in the laboratory data packages.

In summary, results for the samples are usable either as reported or with minor qualification, with the exceptions of the following results that are rejected and not usable:

- 1,4-Dioxane derived from the volatile fraction due to poor relative instrument response
- Biphenyl in one sample and 2,4-dinitrophenol in another due to apparent matrix effect

Data completeness, representativeness, reproducibility, sensitivity, and comparability are acceptable. Matrix spike and field duplicate accuracy and precision determinations for the soil matrix primarily show recoveries and correlations within validation guidelines, with the exception of outlying matrix spike recoveries and field duplicate correlations observed in the volatile fractions. An additional three sets of volatile and two sets of semivolatile and metals QC samples (MS/MSD/FD) should have been processed to meet properties frequency requirements. No aqueous matrix spike or field duplicate evaluations were performed, and the effect of matrix on sample analyte results has not been fully determined.

Validation data qualifier definitions and client sample identifications are attached to this text. Also included in this report are the client EDDs with recommended qualifiers/edits applied in red.

Chain-of-Custody/Sample Receipt

The "NC" prefix was omitted from custody entries for three samples. The prefix was present on the containers and the samples were reported to include it.

The custody form associated with samples reported in SDG L2419962 does not include the final courier relinquish entry, and the custody forms for samples reported in SDGs L2437604, L2437608, L2466625, and L2468035 do not show complete interim relinquish and/or final receipt date/time entries.

Transcription errors in the collection times of three samples were resolved at sample receipt.

The custody forms associated with aqueous samples do not denote the preservation. The pHs of the metals' fraction were shown on the preparation form, and are acceptable. The volatile samples were processed within the holding time for unpreserved samples, and the issue for that fraction is therefore moot.

Scratchouts should have been dated and initialed. Custody form entries should include container type and number thereof.

Blind Field Duplicates

The blind field duplicate evaluations were performed on soil locations Tank 3 B-1 7.5, AA B-4 7.5, AA B-5 9, B-31 3-5, WW-3 3-5, AA B-16 6, B-26 3.5, B-18 7, B-29 3.5, and T4B3. Correlations

fall within validation guidelines with the exceptions of the following, the results for which have been qualified as estimated in the indicated parent sample and their field duplicates:

- The correlations for twelve volatile analytes in AA B-5 9 are very poor. In some cases the parent sample concentrations are significantly higher than the duplicate, and in some cases it is the reverse. Caution should be used in the use of those data, and the concentrations show poor precision. The affected analytes are 1,1-dichloroethane, trichloroethene, tetrachloroethene, chlorobenzene, 1,2-dichlorobenzene, methyl-t-butyl ether, m,p-xylene, o-xylene, n-butylbenzene, sec-butylbenzene, p-isopropyltoluene, and n-propylbenzene
- Barium in Tank 3 B-1 7.5 and AA B-4 7.5
- Chromium in WW-3 3-5
- The evaluation for T4B3 applies only to the PCB fraction, as the volatile and semivolatile fractions on that parent sample location were recollected following additional excavation

Volatile Analyses by EPA 8260D

Samples were not collected in enclosed system containers.

Results for twenty analytes in Tank 3 B-2 7.5 are qualified as estimated, with a low bias, due to low recoveries in the matrix spikes of that sample. Matrix effects are suspected.

Matrix spikes performed on AA B-11 14 show recoveries and correlations that are within validation guidelines, with the following, results for which have been qualified in that parent sample:

Parent Sample	Analyte	Outlying % Recoveries
AA B-11 14	2-butanone	51,55
	2-hexanone	57,62
	1,2,3-trichlorobenzene	57,60
	1,2,4-trichlorobenzene	75,60

LCS recoveries are within validation guidelines, with the exceptions of the following results for which are qualified as estimated in the indicated associated samples:

Associated Samples	Analyte	Outlying % Recoveries	Outlying %RPD
All samples reported in SDG L2424271	trichlorofluoromethane	60,62	
All samples reported in SDG L2427923	trans-1,2-dichloroethene	65	32
TSB B015 7, TSB B-17 7, and TANK 3 B-2 7.5	2-butanone	66,69	
AA B-8 9, AA B-10 9, and AA B-11 14	2-butanone	56,57	
	2-hexanone	58,64	
MW-6	1,1-dichloroethene	160,150	
SW-1 and SW-2	trichlorofluoromethane	62,64	
	1,1-dichloroethene	63,63	
SW-3 and BD	2-hexanone	64,63	
	chloromethane	48,46	
	4-methyl-2-pentanone	66,64	
	methyl acetate	45,44	

The detected results for Tank 2 2 EW-1 6-7 are qualified as estimated, with a high bias, due to elevated surrogate standard DCA recovery (133%).

All results for BD (collected 11/13/24) are qualified as estimated, with a low bias, due to outlying recoveries of the internal standards in that field duplicate. The field duplicate BD and the matrix spikes of T4B1 (all collected 11/13/24) are not used for accuracy/precision evaluations, as the parent sample was recollected/processed. Those QC were not recollected.

The following detected results below the reporting limit are considered external contamination and edited to non-detection due to presence in the associated blanks:

- chloroform in Tank 2 B-18 and AA B-1 7.5
- m,p-xylene and o-xylene in TSB B-167

Results for 1,4-dioxane in the samples are rejected due to poor instrument relative response (RRF < 0.01). Other calibration standards show responses within validation guidelines, with the exceptions of the following, the results for which have been qualified as estimated in the indicated associated samples:

- Chloromethane (55%D) in all samples reported in SDG 2424271
- Vinyl chloride and 1,1-dichloroethene (22%D and 24%D) in all samples reported in SDG L2427923
- Chloromethane, vinyl chloride, acetone, 2-butanone, and 2-hexanone (36%D to 45%D) in AA B-8 9, AA B-10 9, and AA B-11 14
- Bromoform (24%D to 51%D) in AA NW-3 5-7, AA NW-4 8-10, and in all samples reported in SDGs SDG L2428793 and L2438778
- Vinyl chloride and 1,2-dichloroethane (21%D and 24%D) in all samples reported in SDG L2436264
- Chloroethane and 1,1-dichloroethene (30%D and 37%D) in SW-1 and SW-2
- Chloromethane, methyl acetate, vinyl chloride, and 1,2,4-trichlorobenzene in SW-3 and BD

Internal standard recoveries are compliant.

TCL Semivolatile and PAH Analyses by EPA8270E

The results for 2,4-dinitrophenol in AA-B-1 14 and biphenyl in Tank 3 B-2 7.5 are rejected due to lack of recovery in the matrix spikes of those samples. The results for hexachlorocyclopentadiene in Tank 3 B-2 7.5 and B-38 3.5 are qualified as estimated due to low recoveries (30% to 33%) in the matrix spikes of those parent samples.

Matrix spikes of AA B-3 7.5, B-31 3.5, B-18 7, B-31 3.5, and AA B-17 6 show recoveries and correlations within validation guidelines.

The field duplicate BD and the matrix spikes of T4B1 (all collected 11/13/24) are not used for accuracy/precision evaluations, as the parent sample was recollected/processed. Those QC were not recollected.

Due to presence in the associated blank, the detections of pentachlorophenol in samples reported in SDG L2428793 are considered external contamination and edited to reflect non-detection.

LCS recoveries are within validation guidelines, with the exceptions of the following results for which are qualified as estimated in the indicated associated samples:

Associated Samples	Analyte	Outlying % Recoveries	Outlying %RPD
B-7 7, B-8 7, and in all samples reported in SDGs L2411892 and L2427924	bis(2-chloroisopropyl)ether	32 % to 36%	
Tank 1 B-1 18.5	4-chloroaniline	31	52
All samples reported in SDG L2427923	pentachlorophenol	120,117	
All samples reported in SDG L2431257	Hexachlorocyclopentadiene	30,29	
SW-1, SW-2, SW-3, and BD	4-chloroaniline	29	68

Calibration standards show responses within validation guidelines, with the exception of the following, the results for which have been qualified as estimated in the indicated associated samples:

- 2,4-Dimethylphenol (25%D) in all samples reported in SDG L2419226
- Phenol (22%D) in all samples reported in SDG L2427923
- Biphenyl (24%D) in all samples reported in SDG L2429932

Results for TICs that are also present in associated blanks are considered external contamination. Although the laboratory did not flag the common sample TICs with the "B" flag, that evaluation was made during validation, as could best be determined, and affected TICs are removed from consideration as sample components.

Surrogate and internal standard recoveries are compliant.

Some of the samples are processed at dilution due to matrix effects. This results in elevated reporting limits for the affected samples

TCL Pesticides, TCL Herbicides, and Aroclor PCB Analyses by USEPA 8081B, 8082A, and 8151A

The matrix spike evaluations were performed for Aroclors 1016/1260 on AA B-11 14 and B-38, and show recoveries and correlations within validation guidelines.

Surrogate and internal standard recoveries are within validation guidelines.

Calibration standards show responses within validation guidelines. LCS recoveries are within required ranges. Blanks show no contamination.

PFAS by Draft EPA Method 1633

The results for PFTrDA in WW-1 6-8 and PFHxA in MW-5 are qualified as being Estimated Maximum Possible Concentrations due to the outlying ion ratios.

Matrix spikes of B-18 7 and Blind Dup show recoveries and correlations within validation guidelines. LCS recoveries are compliant.

Isotopic dilution and internal standard recoveries are within validation guidelines. Calibration standard responses are compliant. Blanks show no contamination.

TAL and RCRA Metals by EPA 6010D, 6020B, 7271A, and 7471B

Matrix spikes and/or duplicate evaluations were performed for TAL analytes on B-5 6, HL 1+2 B-1 12.5, Tank 1 B-2 17, and the filtered fractions of MW-5, and for RCRA metals on NC B-1 5.5, NC B-10 4, NC B-12-4, Tank 3 B-2 7.5, TSB B-8 7, AA B-3 7.5, AA B-11 14, B-41 3.5, B-18 7, AA B-17 6, and B-38 3.5. The results for the following analytes are qualified as estimated in the indicated parent sample due to recoveries and correlations falling outside validation guidelines:

Parent Sample	Element	Outlying % Recoveries	Outlying % RPD
HL 1+2 B-1 12.5	potassium	146	
	sodium	133	
B-5 6	arsenic	129	
	potassium	167	
	magnesium		39
	manganese		39
B-10 4	chromium	73	
	lead	70	51
Tank 1 B-2 17	sodium	127	
Tank 3 B-2 7.5	arsenic	131,134	

The ICP serial dilution determinations of B-4 6, HL 1+2 B-1 12.5, NC B-1 5.5, B-10 4, Tank 1 B-2 17, Tank 3 B-2 7.5, AA B-3 7.5, AA B-11 14, B-18 7, AA B-17 6, B-38 3.5, and MW-5 show correlations that are within validation guidelines.

Calibration and low level standard responses are compliant.

The following detected results below the reporting limit are considered external contamination and edited to non-detection due to presence in the associated blanks:

- Arsenic in SDGs L2411599 and L2411892
- Antimony in SDG L2411600
- Selenium in NC SW-3 2-3 and AA WW-3 5-7
- Thallium in MW-4

The Category B data package for L2436988 does not provide ICP metals report forms for three of the samples; EDD reported metals' results of those three samples were confirmed from the raw data.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

Judy Harry

Judy Harry

Attachments: Validation Data Qualifier Definitions
Sample Identifications
Qualified Laboratory EQuIS EDDs

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Sample Identification Summary

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403073
Report Date: 01/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2403073-01	B-5 6	SOIL	BUFFALO,NY	01/18/24 15:00	01/18/24
L2403073-02	B-6 6	SOIL	BUFFALO,NY	01/18/24 14:30	01/18/24
L2403073-03	B-9 2	SOIL	BUFFALO,NY	01/18/24 11:30	01/18/24
L2403073-04	NW-5 3-4	SOIL	BUFFALO,NY	01/18/24 14:40	01/18/24
L2403073-05	NW-6 3-4	SOIL	BUFFALO,NY	01/18/24 14:50	01/18/24
L2403073-06	NW-9 1-2	SOIL	BUFFALO,NY	01/18/24 11:15	01/18/24
L2403073-07	EW-1 1-2	SOIL	BUFFALO,NY	01/18/24 11:20	01/18/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2403760
Report Date: 01/24/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2403760-01	B-6R 7	SOIL	BUFFALO, NY	01/23/24 10:00	01/23/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411599
Report Date: 03/11/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2411599-01	MW-7 4-6	SOIL	BUFFALO	03/04/24 12:20	03/04/24
L2411599-02	MW-8 4-6	SOIL	BUFFALO	03/04/24 12:25	03/04/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411600
Report Date: 03/06/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2411600-01	B-7 7	SOIL	BUFFALO	03/04/24 12:00	03/04/24
L2411600-02	B-8 7	SOIL	BUFFALO	03/04/24 12:15	03/04/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411891
Report Date: 03/12/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2411891-01	NW-4 4-6	SOIL	BUFFALO, NY	03/05/24 11:15	03/05/24
L2411891-02	NW-1 4-6	SOIL	BUFFALO, NY	03/05/24 15:00	03/05/24
L2411891-03	NW-2 3-5	SOIL	BUFFALO, NY	03/05/24 15:05	03/05/24
L2411891-04	NW-3 3-5	SOIL	BUFFALO, NY	03/05/24 15:10	03/05/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2411892
Report Date: 03/07/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2411892-01	B-4 6	SOIL	BUFFALO, NY	03/05/24 11:00	03/05/24
L2411892-02	B-1 10	SOIL	BUFFALO, NY	03/05/24 14:20	03/05/24
L2411892-03	B-2 10	SOIL	BUFFALO, NY	03/05/24 14:30	03/05/24
L2411892-04	B-3 6	SOIL	BUFFALO, NY	03/05/24 14:40	03/05/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419226
Report Date: 04/11/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2419226-01	HL 1+2 B-1 12.5	SOIL	BUFFALO, NY	04/09/24 13:45	04/09/24
L2419226-02	HL 1+2 NW-1 8-10	SOIL	BUFFALO, NY	04/09/24 14:00	04/09/24
L2419226-03	HL 1+2 SW-1 8-10	SOIL	BUFFALO, NY	04/09/24 14:05	04/09/24
L2419226-04	HL 1+2 EW-1 8-10	SOIL	BUFFALO, NY	04/09/24 13:50	04/09/24
L2419226-05	HL 1+2 WW-1 8-10	SOIL	BUFFALO, NY	04/09/24 13:55	04/09/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419646
Report Date: 04/12/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2419646-01	NC B-1 5.5	SOIL	BUFFALO, NY	04/10/24 09:30	04/10/24
L2419646-02	NC B-2 5.5	SOIL	BUFFALO, NY	04/10/24 09:35	04/10/24
L2419646-03	NC B-3 5.5	SOIL	BUFFALO, NY	04/10/24 09:40	04/10/24
L2419646-04	NC B-4 5.5	SOIL	BUFFALO, NY	04/10/24 09:45	04/10/24
L2419646-05	NC B-5 4	SOIL	BUFFALO, NY	04/10/24 14:40	04/10/24
L2419646-06	NC B-6 4	SOIL	BUFFALO, NY	04/10/24 14:45	04/10/24
L2419646-07	NC EW-1 3-4	SOIL	BUFFALO, NY	04/10/24 09:50	04/10/24
L2419646-08	NC EW-2 3-4	SOIL	BUFFALO, NY	04/10/24 09:55	04/10/24
L2419646-09	NC SW-1 3-4	SOIL	BUFFALO, NY	04/10/24 10:00	04/10/24
L2419646-10	NC SW-2 3-4	SOIL	BUFFALO, NY	04/10/24 10:05	04/10/24
L2419646-11	NC SW-3 2-3	SOIL	BUFFALO, NY	04/10/24 14:50	04/10/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419938
Report Date: 04/15/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2419938-01	NC B-7 4	SOIL	BUFFALO, NY	04/11/24 14:30	04/11/24
L2419938-02	NC B-8 4	SOIL	BUFFALO, NY	04/11/24 14:40	04/11/24
L2419938-03	NC NW-3 2-3	SOIL	BUFFALO, NY	04/11/24 14:00	04/11/24
L2419938-04	NC NW-4 2-3	SOIL	BUFFALO, NY	04/11/24 13:50	04/11/24
L2419938-05	NC SW-4 2-3	SOIL	BUFFALO, NY	04/11/24 14:50	04/11/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2419962
Report Date: 04/15/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2419962-01	HL 1+2 PIPE 1	SOIL	BUFFALO, NY	04/11/24 13:00	04/11/24
L2419962-02	HL 1+2 PIPE 2	SOIL	BUFFALO, NY	04/11/24 13:05	04/11/24
L2419962-03	HL 1+2 PIPE 3	SOIL	BUFFALO, NY	04/11/24 13:10	04/11/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420331
Report Date: 04/16/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2420331-01	NC B-9 4	SOIL	BUFFALO, NY	04/12/24 10:30	04/12/24
L2420331-02	NC B-10 4	SOIL	BUFFALO, NY	04/12/24 10:35	04/12/24
L2420331-03	NC EW-3 3-4	SOIL	BUFFALO, NY	04/12/24 10:40	04/12/24
L2420331-04	NC EW-4 3-4	SOIL	BUFFALO, NY	04/12/24 10:45	04/12/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420825
Report Date: 04/18/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2420825-01	HL 1+2 EW-1R 8-10'	SOIL	BUFFALO, NY	04/16/24 14:00	04/16/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420829
Report Date: 04/23/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2420829-01	TANK 1 SW-1 13-15	SOIL	BUFFALO, NY	04/16/24 13:35	04/16/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2420832
Report Date: 04/17/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2420832-01	TANK 1 B-1 18.5	SOIL	BUFFALO, NY	04/16/24 13:30	04/16/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2421118
Project Number:	4461.0001B002	**Report Date:**	04/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2421118-01	NC B-11 4	SOIL	BUFFALO, NY	04/17/24 14:40	04/17/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2421779
Report Date: 04/23/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2421779-01	B-10 4	SOIL	BUFFALO, NY	04/19/24 13:00	04/19/24
L2421779-02	B-11 4	SOIL	BUFFALO, NY	04/19/24 13:05	04/19/24
L2421779-03	B-12 4	SOIL	BUFFALO, NY	04/19/24 13:10	04/19/24
L2421779-04	B-13 4	SOIL	BUFFALO, NY	04/19/24 13:15	04/19/24
L2421779-05	B-14 4	SOIL	BUFFALO, NY	04/19/24 13:20	04/19/24
L2421779-06	B-15 4	SOIL	BUFFALO, NY	04/19/24 13:25	04/19/24
L2421779-07	B-16 4	SOIL	BUFFALO, NY	04/19/24 13:30	04/19/24
L2421779-08	EW-2 2-3	SOIL	BUFFALO, NY	04/19/24 13:35	04/19/24
L2421779-09	EW-3 2-3	SOIL	BUFFALO, NY	04/19/24 13:40	04/19/24
L2421779-10	EW-4 2-3	SOIL	BUFFALO, NY	04/19/24 13:45	04/19/24
L2421779-11	EW-5 2-3	SOIL	BUFFALO, NY	04/19/24 13:50	04/19/24
L2421779-12	SW-1 2-3	SOIL	BUFFALO, NY	04/19/24 14:00	04/19/24
L2421779-13	SW-2 2-3	SOIL	BUFFALO, NY	04/19/24 14:05	04/19/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424265
Report Date: 05/06/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2424265-01	NC B-12 4	SOIL	BUFFALO, NY	05/02/24 10:00	05/02/24
L2424265-02	NC B-13 4	SOIL	BUFFALO, NY	05/02/24 10:10	05/02/24
L2424265-03	NC B-14 4	SOIL	BUFFALO, NY	05/02/24 10:15	05/02/24
L2424265-04	NC B-15 4	SOIL	BUFFALO, NY	05/02/24 10:20	05/02/24
L2424265-05	NC B-16 4	SOIL	BUFFALO, NY	05/02/24 10:25	05/02/24
L2424265-06	NC B-17 4	SOIL	BUFFALO, NY	05/02/24 10:30	05/02/24
L2424265-07	NC B-18 4	SOIL	BUFFALO, NY	05/02/24 10:35	05/02/24
L2424265-08	NC B-19 4	SOIL	BUFFALO, NY	05/02/24 10:40	05/02/24
L2424265-09	NC B-20 4	SOIL	BUFFALO, NY	05/02/24 10:45	05/02/24
L2424265-10	NC B-21 4	SOIL	BUFFALO, NY	05/02/24 10:50	05/02/24
L2424265-11	NC B-22 4	SOIL	BUFFALO, NY	05/02/24 10:55	05/02/24
L2424265-12	NC SW-5 2-3	SOIL	BUFFALO, NY	05/02/24 10:05	05/02/24
L2424265-13	NC SW-6 2-3	SOIL	BUFFALO, NY	05/02/24 11:00	05/02/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2424271-01	TANK 1 B-2 17	SOIL	BUFFALO, NY	05/02/24 13:30	05/02/24
L2424271-02	TANK 1 B-3 17	SOIL	BUFFALO, NY	05/02/24 13:40	05/02/24
L2424271-03	TANK 1 B-4 17	SOIL	BUFFALO, NY	05/02/24 13:45	05/02/24
L2424271-04	TANK 1 NW-1 12-15	SOIL	BUFFALO, NY	05/02/24 13:20	05/02/24
L2424271-05	TANK 1 NW-2 12-15	SOIL	BUFFALO, NY	05/02/24 13:25	05/02/24
L2424271-06	TANK 1 SW-2 12-15	SOIL	BUFFALO, NY	05/02/24 13:35	05/02/24
L2424271-07	TANK 1 EW-1 12-15	SOIL	BUFFALO, NY	05/02/24 13:00	05/02/24
L2424271-08	TANK 1 EW-2 12-15	SOIL	BUFFALO, NY	05/02/24 13:05	05/02/24
L2424271-09	TANK 1 WW-1 12-15	SOIL	BUFFALO, NY	05/02/24 13:10	05/02/24
L2424271-10	TANK 1 WW-2 12-15	SOIL	BUFFALO, NY	05/02/24 13:15	05/02/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2424539
Project Number:	4461.0001B002	**Report Date:**	05/10/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2424539-01	B-3R 7	SOIL	BUFFALO, NY	05/03/24 14:30	05/03/24
L2424539-02	NW-3 4-6	SOIL	BUFFALO, NY	05/03/24 14:40	05/03/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2424794
Report Date: 05/13/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2424794-01	NC NW-1 2-3	SOIL	BUFFALO, NY	05/06/24 08:30	05/06/24
L2424794-02	NC NW-2 2-3	SOIL	BUFFALO, NY	05/06/24 08:40	05/06/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426107
Report Date: 05/14/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2426107-01	NC B-23 4	SOIL	BUFFALO, NY	05/10/24 11:00	05/10/24
L2426107-02	NC B-24 4	SOIL	BUFFALO, NY	05/10/24 11:10	05/10/24
L2426107-03	NC SW-7 2-3	SOIL	BUFFALO, NY	05/10/24 11:20	05/10/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426109
Report Date: 05/14/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2426109-01	TANK 2 B-1 8	SOIL	BUFFALO, NY	05/10/24 09:00	05/10/24
L2426109-02	TANK 2 B-2 10	SOIL	BUFFALO, NY	05/10/24 09:05	05/10/24
L2426109-03	TANK 2 B-3 12	SOIL	BUFFALO, NY	05/10/24 09:10	05/10/24
L2426109-04	TANK 2 NW-1 6-7	SOIL	BUFFALO, NY	05/10/24 09:15	05/10/24
L2426109-05	TANK 2 NW-2 7-9	SOIL	BUFFALO, NY	05/10/24 09:20	05/10/24
L2426109-06	TANK 2 NW-3 8-10	SOIL	BUFFALO, NY	05/10/24 09:25	05/10/24
L2426109-07	TANK 2 SW-1 6-7	SOIL	BUFFALO, NY	05/10/24 09:30	05/10/24
L2426109-08	TANK 2 SW-2 7-9	SOIL	BUFFALO, NY	05/10/24 09:35	05/10/24
L2426109-09	TANK 2 SW-3 8-10	SOIL	BUFFALO, NY	05/10/24 09:40	05/10/24
L2426109-10	TANK 2 EW-1 6-7	SOIL	BUFFALO, NY	05/10/24 09:45	05/10/24
L2426109-11	TANK 2 WW-1 8-10	SOIL	BUFFALO, NY	05/10/24 09:50	05/10/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2426938
Report Date: 05/17/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2426938-01	TSB B-1 4	SOIL	BUFFALO, NY	05/15/24 12:30	05/15/24
L2426938-02	TSB B-2 4	SOIL	BUFFALO, NY	05/15/24 12:40	05/15/24
L2426938-03	TSB B-3 4	SOIL	BUFFALO, NY	05/15/24 12:50	05/15/24
L2426938-04	TSB B-4 4	SOIL	BUFFALO, NY	05/15/24 13:00	05/15/24
L2426938-05	TSB B-5 4	SOIL	BUFFALO, NY	05/15/24 13:10	05/15/24
L2426938-06	TSB B-6 4	SOIL	BUFFALO, NY	05/15/24 13:20	05/15/24
L2426938-07	TSB B-7 4	SOIL	BUFFALO, NY	05/15/24 13:30	05/15/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427314
Report Date: 05/23/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2427314-01	T4 B-1 8	SOIL	BUFFALO, NY	05/16/24 08:30	05/16/24
L2427314-02	T4 B-2 8	SOIL	BUFFALO, NY	05/16/24 08:35	05/16/24
L2427314-03	T4 NW-1 6-8	SOIL	BUFFALO, NY	05/16/24 08:40	05/16/24
L2427314-04	T4 NW-2 6-8	SOIL	BUFFALO, NY	05/16/24 08:45	05/16/24
L2427314-05	T4 SW-1 6-8	SOIL	BUFFALO, NY	05/16/24 08:50	05/16/24
L2427314-06	T4 SW-2 6-8	SOIL	BUFFALO, NY	05/16/24 08:55	05/16/24
L2427314-07	T4 EW-1 6-8	SOIL	BUFFALO, NY	05/16/24 09:00	05/16/24
L2427314-08	T4 EW-2 6-8	SOIL	BUFFALO, NY	05/16/24 09:05	05/16/24
L2427314-09	T4 WW-1 6-8	SOIL	BUFFALO, NY	05/16/24 09:10	05/16/24
L2427314-10	T4 WW-2 6- 8	SOIL	BUFFALO, NY	05/16/24 09:15	05/16/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2427653-01	TSB B-8 7	SOIL	BUFFALO, NY	05/17/24 13:00	05/17/24
L2427653-02	TSB B-9 7	SOIL	BUFFALO, NY	05/17/24 13:10	05/17/24
L2427653-03	TSB B-12 7	SOIL	BUFFALO, NY	05/17/24 13:20	05/17/24
L2427653-04	TSB B-13 7	SOIL	BUFFALO, NY	05/17/24 13:30	05/17/24
L2427653-05	TSB B-16 7	SOIL	BUFFALO, NY	05/17/24 13:40	05/17/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427657
Report Date: 05/24/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2427657-01	TSB SW-1 3-5	SOIL	BUFFALO, NY	05/17/24 13:50	05/17/24
L2427657-02	TSB SW-2 3-5	SOIL	BUFFALO, NY	05/17/24 14:00	05/17/24
L2427657-03	TSB SW-3 3-5	SOIL	BUFFALO, NY	05/17/24 14:10	05/17/24
L2427657-04	TSB NW-1 3-5	SOIL	BUFFALO, NY	05/17/24 14:20	05/17/24
L2427657-05	TSB NW-2 3-5	SOIL	BUFFALO, NY	05/17/24 14:30	05/17/24
L2427657-06	NC SW-8 2-3	SOIL	BUFFALO, NY	05/17/24 14:40	05/17/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427923
Report Date: 05/28/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2427923-01	TSB NW-3 3-5	SOIL	BUFFALO, NY	05/20/24 13:10	05/20/24
L2427923-02	TSB NW-4 3-5	SOIL	BUFFALO, NY	05/20/24 13:20	05/20/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2427924
Report Date: 05/22/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2427924-01	TSB B-14 7	SOIL	BUFFALO, NY	05/20/24 12:40	05/20/24
L2427924-02	TSB B-15 7	SOIL	BUFFALO, NY	05/20/24 12:50	05/20/24
L2427924-03	TSB B-17 7	SOIL	BUFFALO, NY	05/20/24 13:00	05/20/24
L2427924-04	TANK 3 B-1 7.5	SOIL	BUFFALO, NY	05/20/24 13:30	05/20/24
L2427924-05	TANK 3 B-2 7.5	SOIL	BUFFALO, NY	05/20/24 13:40	05/20/24
L2427924-06	BLIND DUP	SOIL	BUFFALO, NY	05/20/24 08:00	05/20/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428784
Report Date: 05/28/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2428784-01	TSB B-10 7	SOIL	BUFFALO, NY	05/23/24 14:00	05/23/24
L2428784-02	TSB B-11 7	SOIL	BUFFALO, NY	05/23/24 14:10	05/23/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2428793
Report Date: 06/07/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2428793-01	MW-2	WATER	BUFFALO, NY	05/23/24 10:25	05/23/24
L2428793-02	MW-3	WATER	BUFFALO, NY	05/23/24 11:25	05/23/24
L2428793-03	MW-4	WATER	BUFFALO, NY	05/23/24 13:00	05/23/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2429932-01	AA B-1 7.5	SOIL	BUFFALO, NY	05/30/24 13:00	05/30/24
L2429932-02	AA B-3 7.5	SOIL	BUFFALO, NY	05/30/24 13:10	05/30/24
L2429932-03	AA B-4 7.5	SOIL	BUFFALO, NY	05/30/24 13:20	05/30/24
L2429932-04	AA B-6 7.5	SOIL	BUFFALO, NY	05/30/24 13:30	05/30/24
L2429932-05	AA B-7 7.5	SOIL	BUFFALO, NY	05/30/24 13:40	05/30/24
L2429932-06	AA B-9 7.5	SOIL	BUFFALO, NY	05/30/24 13:00	05/30/24
L2429932-07	BLIND DUP 2	SOIL	BUFFALO, NY	05/30/24 08:00	05/30/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2429937-01	AA WW-1 3-5	SOIL	BUFFALO, NY	05/30/24 14:00	05/30/24
L2429937-02	AA WW-2 3-5	SOIL	BUFFALO, NY	05/30/24 14:10	05/30/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2431257
Report Date: 06/07/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2431257-01	AA B-2 9	SOIL	BUFFALO, NY	06/05/24 11:40	06/05/24
L2431257-02	AA B-5 9	SOIL	BUFFALO, NY	06/05/24 11:50	06/05/24
L2431257-03	AA NW-1 5-7	SOIL	BUFFALO, NY	06/05/24 12:00	06/05/24
L2431257-04	AA NW-2 5-7	SOIL	BUFFALO, NY	06/05/24 12:10	06/05/24
L2431257-05	BLIND DUP 3	SOIL	BUFFALO, NY	06/05/24 08:00	06/05/24

Project Name:	1681-1689 MAIN STREET	**Lab Number:**	L2431266
Project Number:	4461.0001B002	**Report Date:**	06/12/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2431266-01	AA WW-3 5-7	SOIL	BUFFALO, NY	06/05/24 11:30	06/05/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2432686
Report Date: 06/13/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2432686-01	AA B-8 9	SOIL	BUFFALO, NY	06/11/24 11:00	06/11/24
L2432686-02	AA B-10 9	SOIL	BUFFALO, NY	06/11/24 11:10	06/11/24
L2432686-03	AA B-11 14	SOIL	BUFFALO, NY	06/11/24 11:20	06/11/24
L2432686-04	AA NW-3 5-7	SOIL	BUFFALO, NY	06/11/24 11:30	06/11/24
L2432686-05	AA NW-4 8-10	SOIL	BUFFALO, NY	06/11/24 11:40	06/11/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433414
Report Date: 06/17/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2433414-01	AA B-12 9	SOIL	BUFFALO, NY	06/13/24 14:00	06/13/24
L2433414-02	AA B-13 9	SOIL	BUFFALO, NY	06/13/24 14:10	06/13/24
L2433414-03	AA B-14 15	SOIL	BUFFALO, NY	06/13/24 14:20	06/13/24
L2433414-04	AA B-15 15	SOIL	BUFFALO, NY	06/13/24 14:30	06/13/24
L2433414-05	AA MW-5 11-13	SOIL	BUFFALO, NY	06/13/24 14:40	06/13/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2433787
Report Date: 06/21/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2433787-01	B-1 10	SOIL	BUFFALO, NY	06/14/24 14:00	06/14/24
L2433787-02	B-2 10	SOIL	BUFFALO, NY	06/14/24 14:10	06/14/24
L2433787-03	WW-1 6-8	SOIL	BUFFALO, NY	06/14/24 14:20	06/14/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2434665-01	B-19 7	SOIL	BUFFALO, NY	06/19/24 14:20	06/19/24
L2434665-02	B-20 7	SOIL	BUFFALO, NY	06/19/24 14:30	06/19/24
L2434665-03	B-21 3.5	SOIL	BUFFALO, NY	06/19/24 14:40	06/19/24
L2434665-04	B-31 3.5	SOIL	BUFFALO, NY	06/19/24 14:50	06/19/24
L2434665-05	B-32 3.5	SOIL	BUFFALO, NY	06/19/24 15:00	06/19/24
L2434665-06	B-35 3.5	SOIL	BUFFALO, NY	06/19/24 15:10	06/19/24
L2434665-07	B-36 3.5	SOIL	BUFFALO, NY	06/19/24 15:20	06/19/24
L2434665-08	B-37 3.5	SOIL	BUFFALO, NY	06/19/24 15:30	06/19/24
L2434665-09	BLIND DUP	SOIL	BUFFALO, NY	06/19/24 08:00	06/19/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2434673
Report Date: 06/30/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2434673-01	NW-1 4-6	SOIL	BUFFALO, NY	06/19/24 14:00	06/19/24
L2434673-02	NW-2 4-6	SOIL	BUFFALO, NY	06/19/24 14:10	06/19/24
L2434673-03	SW-3 2-3	SOIL	BUFFALO, NY	06/19/24 13:50	06/19/24
L2434673-04	SW-4 2-3	SOIL	BUFFALO, NY	06/19/24 13:45	06/19/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2435606
Report Date: 06/30/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2435606-01	B-17 7	SOIL	BUFFALO, NY	06/24/24 13:30	06/24/24
L2435606-02	B-18 7	SOIL	BUFFALO, NY	06/24/24 13:40	06/24/24
L2435606-03	BLIND DUP	SOIL	BUFFALO, NY	06/24/24 08:00	06/24/24
L2435606-05	B-27 3.5	SOIL	BUFFALO, NY	06/24/24 13:50	06/24/24
L2435606-06	B-28 3.5	SOIL	BUFFALO, NY	06/24/24 14:00	06/24/24
L2435606-07	WW-2 3-5	SOIL	BUFFALO, NY	06/24/24 13:20	06/24/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2436259
Report Date: 07/03/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436259-01	WW-3 3-5	SOIL	BUFFALO, NY	06/26/24 12:40	06/26/24
L2436259-02	WW-4 3-5	SOIL	BUFFALO, NY	06/26/24 12:50	06/26/24
L2436259-03	BLIND DUP #2	SOIL	BUFFALO, NY	06/26/24 08:10	06/26/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436264-01	AA B-16 6	SOIL	BUFFALO, NY	06/26/24 12:00	06/26/24
L2436264-02	AA B-17 6	SOIL	BUFFALO, NY	06/26/24 12:10	06/26/24
L2436264-03	AA B-18 4	SOIL	BUFFALO, NY	06/26/24 14:10	06/26/24
L2436264-04	AA B-19 4	SOIL	BUFFALO, NY	06/26/24 14:00	06/26/24
L2436264-05	AA B-22 6	SOIL	BUFFALO, NY	06/26/24 12:20	06/26/24
L2436264-06	AA B-23 6	SOIL	BUFFALO, NY	06/26/24 12:30	06/26/24
L2436264-07	AA B-24 6	SOIL	BUFFALO, NY	06/26/24 14:20	06/26/24
L2436264-08	BLIND DUP #1	SOIL	BUFFALO, NY	06/26/24 08:00	06/26/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436606-01	B-25 3.5	SOIL	BUFFALO, NY	06/27/24 14:00	06/27/24
L2436606-02	B-26 3.5	SOIL	BUFFALO, NY	06/27/24 14:10	06/27/24
L2436606-03	BLIND DUP 6-27-24	SOIL	BUFFALO, NY	06/27/24 08:00	06/27/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2436988-01	B-29 3.5	SOIL	BUFFALO, NY	06/28/24 14:00	06/28/24
L2436988-02	B-30 3.5	SOIL	BUFFALO, NY	06/28/24 14:05	06/28/24
L2436988-03	B-34 3.5	SOIL	BUFFALO, NY	06/28/24 14:15	06/28/24
L2436988-04	B-38 3.5	SOIL	BUFFALO, NY	06/28/24 14:20	06/28/24
L2436988-05	BLIND DUP	SOIL	BUFFALO, NY	06/28/24 08:00	06/28/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2437604-01	B-33	SOIL	BUFFALO, NY	07/02/24 15:15	07/02/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2437608
Report Date: 07/05/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2437608-01	B-33	SOIL	BUFFALO, NY	07/02/24 10:45	07/02/24
L2437608-02	B-33	SOIL	BUFFALO, NY	07/02/24 10:45	07/02/24

Project Name: 1681-1689 MAIN STREET
Project Number: 4461.0001B002

Lab Number: L2438778
Report Date: 07/17/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2438778-01	MW-5	WATER	BUFFALO, NY	07/10/24 10:00	07/10/24
L2438778-02	MW-6	WATER	BUFFALO, NY	07/10/24 09:00	07/10/24
L2438778-03	MW-7	WATER	BUFFALO, NY	07/10/24 10:55	07/10/24

Project Name: 1681-1689 MAIN ST
Project Number: Not Specified

Lab Number: L2466625
Report Date: 11/15/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2466625-01	T4B1	SOIL	BUFFALO, NY	11/13/24 14:00	11/13/24
L2466625-02	T4B2	SOIL	BUFFALO, NY	11/13/24 14:10	11/13/24
L2466625-03	T4B3	SOIL	BUFFALO, NY	11/13/24 14:20	11/13/24
L2466625-04	T4B4	SOIL	BUFFALO, NY	11/13/24 14:30	11/13/24
L2466625-05	T4B5	SOIL	BUFFALO, NY	11/13/24 14:40	11/13/24
L2466625-06	T4B6	SOIL	BUFFALO, NY	11/13/24 14:50	11/13/24
L2466625-07	T4B7	SOIL	BUFFALO, NY	11/13/24 15:00	11/13/24
L2466625-08	SW1	SOIL	BUFFALO, NY	11/13/24 15:10	11/13/24
L2466625-09	SW2	SOIL	BUFFALO, NY	11/13/24 15:20	11/13/24
L2466625-10	SW3	SOIL	BUFFALO, NY	11/13/24 15:30	11/13/24
L2466625-11	BD	SOIL	BUFFALO, NY	11/13/24 08:00	11/13/24

Project Name: 1681-1689 MAIN ST
Project Number: 8461

Lab Number: L2468035
Report Date: 11/22/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2468035-01	T4 B1R	SOIL	BUFFALO,NY	11/19/24 13:00	11/19/24
L2468035-02	T4 B2R	SOIL	BUFFALO,NY	11/19/24 13:15	11/19/24
L2468035-03	T4 B3R	SOIL	BUFFALO,NY	11/19/24 13:30	11/19/24
L2468035-04	T4 B4R	SOIL	BUFFALO,NY	11/19/24 13:45	11/19/24
L2468035-05	T4 B5R	SOIL	BUFFALO,NY	11/19/24 14:00	11/19/24
L2468035-06	T4 B6R	SOIL	BUFFALO,NY	11/19/24 14:15	11/19/24
L2468035-07	T4 B7R	SOIL	BUFFALO,NY	11/19/24 14:30	11/19/24

APPENDIX G

Regulatory Documentation

New York State Department of Environmental Conservation
Division of Environmental Remediation

Petroleum Bulk Storage Application

Pursuant to the Environmental Conservation Law: Article 17, Title 10; and
Regulations 6 NYCRR Part 613 and 6 NYCRR Subpart 374-2

(Please Type or Print Clearly and Complete All Items for Sections A, B & C)

PBS Number:

Return Completed Form & Fees To:

Expiration Date:

Section A - Facility/Property Owner/Contact Information

Transaction Type: 3

1) Initial/New Facility
2) Change of Ownership
3) Tank Installation, Closing, or Repair
4) Information Correction
5) Renewal

FACILITY

Facility Name: 1681-1689 Main Street Site
Tax Map Info:
Facility Address (Physical Address, No P.O. Boxes): 1681, 1689, 1703, & 1707 Main Street
Block: N/A
Facility Address (cont.):
Lot: N/A
City: Buffalo
State: NY
ZIP Code: 14209
County: Erie County
Township/City: Buffalo
Facility Phone Number: N/A
Facility Operator: 1681-1689 Main Street LLC (BCP Site No. C915378)

TYPE OF PETROLEUM FACILITY (Check only one)

- ☐ 01=Storage Terminal/Petrol. Distributor
- ☐ 02=Retail Gasoline Sales
- ☐ 03=Other Retail Sales
- ☐ 04=Manufacturing
- ☐ 05=Utility
- ☐ 06=Trucking/Transportation/Fleet
- ☐ 07=Apartment/Office Building
- ☐ 08=School
- ☐ 09=Farm
- ☐ 10=Private Residence
- ☐ 11=Airline/Air Taxi/Airport
- ☐ 12=Chemical Distributor
- ☐ 13=Municipality
- ☐ 15=Railroad
- ☐ 25=Auto Service/Repair (No Gasoline Sales)
- ☐ 28=Cemetery/Memorial
- ☐ 26=Religious (Church, Synagogue, Mosque, Temple, etc.)
- ☐ 27=Hospital/Nursing Home/Health Care
- ☐ 52=Marina
- ☐ 53=Nuclear Power Plant
- ☒ 99=Other (Specify): Former Commercial Operations

Emergency Contact Name:
Emergency Telephone Number:

NOTE:

Fill in Property Owner information here....>>>

Indicate Tank Owner in Section C.

OWNER

Facility (Property) Owner (from Deed): 1681-1689 Main Street, LLC
Facility Owner Address (Street and/or P.O. Box): 9100 Centre Pointe Drive, Suite 310
City: West Chester
State: OH
ZIP Code: 45069
Owner Telephone Number: 513-500-2095

Type of Owner (check only one):

- 1 ☐ Private Resident
- 2 ☐ State Government
- 3 ☐ Local Government
- 4 ☐ Federal Government
- 5 ☒ Corporate/Commercial/Other

I hereby certify, under penalty of law, that all of the information provided on this form is true and correct. False statements made herein may be punishable as a criminal offense and/or a civil violation in accordance with applicable state and federal law.

Name of Owner or Authorized Representative: Kevin Banks
Amount Enclosed: $
Title: Development Director
Signature:
Date:

Official Use Only
Date Received: ____/____/____
Date Processed: ____/____/____
Amount Received: $_____
Reviewed By: _____

Rev. 12/22/2022

CORRESPONDENCE

(Please keep this information up to date.)
Facility Contact Person Name: Kevin Banks
Contact Person Company Name: 1681-1689 Main Street LLC
Address: 9100 Centre Pointe Drive, Suite 310
Address (cont.):
City/State/ZIP Code: West Chester, Ohio 45069
Tel. Number: 513-500-2095
eMail Address: kevin.banks@pivotal-hp.com

PBS Number:

Section B - Tank Information

(Please use the key located on the last page to complete each item/column)

Registration Expiration Date:

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Action	Tank Number	Tank Location	Status	Installation, out-of-service, or Permanent ClosureDate (mm/dd/yyyy) **Application will be returned if blank**	Capacity (Gallons)	Product Stored (If Gasoline w/ethanol or Biodiesel, list % additive)	Tank Type	Tank Internal Protection	Tank External Protection	Tank Secondary Containment	Tank Leak Detection	Tank Overfill Prevention	Tank Spill Prevention	Pumping/Dispensing Method	Piping Location	Piping Type	Piping External Protection	Piping Secondary Containment	Piping Leak Detection	Under Dispenser Containment (UDC) (Check box if present)
3	001	5	3	4/9/2024	2,000	0000	0000	00	00 00	00 00	00 00	00 00	00	00	00	00	00 00	00	00 00	☐
3	002	5	3	4/11/2024	6,000	0000	0000	00	00 00	00 00	00 00	00 00	00	00	00	00	00 00	00	00 00	☐
3	003	5	3	4/9/2024	550	0000	0000	00	00 00	00 00	00 00	00 00	00	00	00	00	00 00	00	00 00	☐
3	004	5	3	5/15/2024	550	0000	0000	00	00 00	00 00	00 00	00 00	00	00	00	00	00 00	00	00 00	☐
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Note: If you need to add tanks to your registration, write them in using blank lines above. Attach additional sheets as needed.
Blank Section B is available at http:/www.dec.ny.gov/docs/remediation_hudson_pdf/pbsrenewal.pdf

PBS Number:

Petroleum Bulk Storage Application

Section C - Tank Ownership Information (for PBS tanks listed in Section B

Tank Owner Information

[X] Check box if same as Facility (Property) Owner.
If tank owner is different from property owner, fill out information below:

Tank Owner Name (Company/Individual):

Contact Person:

Tank Owner Address:

City: | State: | ZIP:

Contact Person Telephone Number: | Contact Person email:

Specific Tanks Owned

[ ] Check box if this owner owns all tanks at this facility.
If not, list tanks owned by this owner below:

Tank Number:

Name of Class B (Daily On-Site) Operator: | Authorization No:

Name of Class A (Primary) Operator: | Authorization No:

Tank Owner Information

[ ] Check box if same as Facility (Property) Owner.
If tank owner is different from property owner, fill out information below:

Tank Owner Name (Company/Individual):

Contact Person:

Tank Owner Address:

City: | State: | ZIP:

Contact Person Telephone Number: | Contact Person email:

Specific Tanks Owned

[ ] Check box if this owner owns all tanks at this facility.
If not, list tanks owned by this owner below:

Tank Number:

Name of Class B (Daily On-Site) Operator: | Authorization No:

Name of Class A (Primary) Operator: | Authorization No:

PETROLEUM BULK STORAGE APPLICATION - SECTION B - TANK INFORMATION - CODE KEY

Action (1)

1. Initial Listing
2. Add Tank
3. Close/Remove Tank
4. Information Correction
5. Repair/Reline Tank

Tank Location (3)

1. Aboveground-contact w/soil
2. Aboveground-contact w/ impervious barrier
3. Aboveground on saddles, legs, stilts, rack or cradle
4. Partially buried tank (tank with 10% or more below ground)
5. Underground including vaulted with no access for inspection
6. Aboveground in Subterranean Vault w/access for inspections

Status (4)

1. In-service
2. Out-of-service
3. Closed-Removed
4. Closed- In Place
5. Tank converted to Non-Regulated use

Products Stored (7)

Heating Oils: On-Site Consumption

0001. #2 Fuel Oil
0002. #4 Fuel Oil
0259. #5 Fuel Oil
0003. #6 Fuel Oil
0012. Kerosene
0591. Clarified Oil
2711. Biodfuel Oil
2642. Used Oil (Heating)

Heating Oils: Resale/ Redistribution

2718. #2 Fuel Oil
2719. #4 Fuel Oil
2720. #5 Fuel Oil
2721. #6 Fuel Oil
2722. Kerosene
2723. Clarified Oil
2724. Biofuel Oil

Motor Fuels

0009. Gasoline
2712. Gasoline/Ethanol
0008. Diesel
2710. Biodiesel
0011. Jet Fuel
1044. Jet Fuel (Biofuel)
2641. Aviation Gasoline

Emergency Generator Fuels

0001. #2 Fuel Oil
2730. Biodiesel (E-Gen)
2731. Diesel (E-Gen)

Lubricating/Cutting Oils

0013. Lube Oil
0015. Motor Oil
1045. Gear/Spindle Oil
0010. Hydraulic Oil
0007. Cutting Oil
0021. Transmission Fluid
1836. Turbine Oil
0308. Petroleum Grease

Oils Used as Building Materials

2626. Asphaltic Emulsions
0748. Form Oil

Petroleum Spirits

0014. White/Mineral Spirits
1731. Naptha

Mineral/Insulating Oils

0020. Insulating Oil (e.g., Transformer, Cable Oil)
2630. Mineral Oil

Waste/Used/Other Oils

0022 Waste/Used Oil
9999. Other-Please list:*

Crude Oil

0006. Crude Oil
0701. Crude Oil Fractions

Tank Type (8)

01. Steel/Carbon Steel/Iron
02. Galvanized Steel Alloy
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Tank in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Urethane Clad Steel
99. Other-Please list:*

Internal Protection (9)

00. None
01 Epoxy Liner
02. Rubber Liner
03. Fiberglass Liner (FRP)
04. Glass Liner
99. Other-Please list:*

External Protection (10/18)

00. None
01. Painted/Asphalt Coating
02. Original Sacrificial Anode
03. Original Impressed Current
04. Fiberglass
05. Jacketed
06. Wrapped (Piping)
07 Retrofitted Sacrificial Anode
08. Retrofitted Impressed Current
09. Urethane
99. Other-Please list:*

Tank Secondary Containment (11)

00. None
01. Diking (AST Only)
02. Vault (w/access)
03. Vault (w/o access)
04. Double-Walled (UST Only)
05. Synthetic Liner
06. Remote Impounding Area
07. Excavation Liner
09. Modified Double-Walled (AST Only)
10. Impervious Underlayment (AST Only)**
11. Double Bottom (AST Only)**
12. Double-Walled (AST Only)
99. Other - Please list*

Tank Leak Detection (12)

00. None
01. Interstitial Electronic Monitoring
02. Interstitial Manual Monitoring
03. Vapor Well
04. Groundwater Well
05. In-Tank System (Auto Tank
06. Impervious Barrier/Concrete Pad (AST Only)
07. Statistical Inventory Reconciliation (SIR)
08. Weep holes in vaults with no access for inspection
99. Other-Please list: *

Overfill Protection (13)

00. None
01. Float Vent Valve
02. High Level Alarm
03. Automatic Shut-Off
04. Product Level Gauge (AST Only)
05. Vent Whistle
99. Other-Please list:*

Spill Prevention (14)

00. None
01. Catch Basin
99. Other-Please list:*

Pumping/Dispensing Method (15)

00. None
01. Presurized Dispenser
02. Suction Dispenser
03. Gravity
04. On-Site Heating System (Suction)
05. On-Site Heating System (Supply/Return)
06. Tank-Mounted Dispenser
07. Loading Rack/Transfer Pump

Piping Location (16)

00. No Piping
01. Aboveground
02. Underground/On-ground
03. Aboveground/Underground Combination

Piping Type (17)

00. None
01. Steel/Carbon Steel/Iron
02. Galvanized Steel
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Encased in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Copper
11. Flexible Piping
99. Other-Please list:*

Piping Secondary Containment (19)

00. None
01. Diking (Aboveground Only)
02. Vault (w/access)
04. Double-Walled (Underground Only)
06. Remote Impounding Area
07. Trench Liner
12. Double-Walled (Aboveground Only)
99. Other-Please list: *

Pipe Leak Detection (20)

00. None
01. Interstitial Electronic Monitoring
02. Insterstitial Manual Monitoring
03. Vapor Well
04. Groundwater Well
07. Pressurized Piping Leak Detector
09. Exempt Suction Piping
10. Statistical Inventory Reconciliation (SIR)
99. Other-Please list:*

Under Dispenser Containment (UDC) (21)

Check Box if Present

- - - - - - - - - - - - - -

* If other, please list on a separate sheet including tank number,

** Each of these codes must be combined with code 01 or 06 to meet compliance requirements.

Outlook

USEPA UIC notification regarding: 25NY029041011: 1681-1689 Main Street Site (BCP Site No. C915378), 1681, 1689, 1703, and 1707 Main Street Buffalo, NY, 14209

From region2_uic@epa.gov <region2_uic@epa.gov>
Date Thu 1/2/2025 9:45 AM
To kevin.banks@pivotal-hp.com <kevin.banks@pivotal-hp.com>
Cc Jessica Dombrowski <jdombrowski@rouxinc.com>; Jessica Dombrowski <jdombrowski@rouxinc.com>; FungKhee.Finola@epa.gov <FungKhee.Finola@epa.gov>; matthew.king@dec.ny.gov <matthew.king@dec.ny.gov>

This message originated outside your organization. Please use caution!

Total Wells: 30
30 - Active - 5B6 Beneficial Use- Subsurface environmental remediation - as of 08/29/2024,

January 2, 2025

Kevin Banks
1681-1689 Main Street LLC
9100 Centre Pointe Drive,
West Chester, OH 45069

Dear Kevin Banks:

The U.S. Environmental Protection Agency (EPA) Region 2 Drinking Water and Ground Water Protection Section is in receipt of Underground Injection Control (UIC) inventory information addressing UIC Class V wells that you own or operate. This information was submitted to EPA as required by 40 Code of Federal Regulations (CFR) §144.26, which addresses UIC Class V wells.

This letter is to inform you that your Class V injection activity is “authorized by rule” in accordance with 40 CFR §144.24 and to outline measures that must be taken to prevent contamination of Underground Sources of Drinking Water (USDWs). You must comply with all Class V requirements of the UIC program. Pursuant to 40 CFR §144.12(a) and §144.82(a)(1), your injection activity cannot allow the movement of fluid containing any contaminant into USDWs if the presence of that contaminant may cause a violation of the primary drinking water standards under 40 CFR §141 or other health based standards, or may otherwise adversely affect the health of persons. This prohibition applies to owner/operator well construction, operation, maintenance, conversion, plugging, closure, or any other injection activity. Therefore, as an owner/operator, you must ensure that your activity does not allow movement of contaminated fluid into USDWs if the contaminated fluid could cause any violation of applicable regulations or adversely affect human health.

Whenever any conditions change in the operation of any inventoried wells (e.g., well closure), you as owner/operator must ensure that UIC program requirements are met and inventory information is updated. For work being conducted under a work plan approved by the New York State Department of

Environmental Conservation (NYSDEC), it is not necessary to submit inventory with each subsequent injection. Please inform EPA when all injections are complete for this Facility.

To update inventory information, use the Owner or Operator Online Form for Inventory of Injection Wells (7520-16), which is available through the Region 2 UIC website: https://www.epa.gov/uic/underground-injection-control-epa-region-2-nj-ny-pr-and-vi. Enter the UIC ID number in section 2 (Facility ID Number) of the Online Form and use the comments section to specify the information being updated. If the information being updated does not fit in the Online Form (e.g., updating Additional Information as described in the R2 Supplemental Instructions), submit it separately by email to region2_uic@epa.gov. Be sure to include the UIC ID number referenced above with any email submittals.

All information you submit may be used in an administrative, civil judicial, or criminal action. Making a knowing submission of materially false information to the U.S. Government may be a criminal offense. Please also be advised that you should contact state and local authorities to ensure you have complied with all applicable regulations that may be more stringent than the UIC program.

For questions, contact UIC case handler Finola Fung-Khee at 212-637-4008 or FungKhee.Finola@epa.gov.

Sincerely,
UIC Program
Drinking Water and Ground Water Protection Section
EPA Region 2
290 Broadway, New York, NY 10007
Region2_UIC@epa.gov