INTERIM REMEDIAL MEASURE WORK PLAN

26 CLARENCE AVENUE
[TAX MAP/PARCEL NUMBER
90.39-2-8.1

BUFFALO, NEW YORK 14210

NYSDEC SITE NO. C915383

KAR JOB NO. 24025

August 8, 2025

PREPARED FOR:

New York State Department of Environmental Conservation

Division of Environmental Remediation

700 Delaware Avenue

Buffalo, New York 14209-2202

PREPARED BY:

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August 8, 2025

Ms. Taylor Monnin
Assistant Environmental Engineer
Division of Environmental Remediation
New York State Department of Environmental Conservation
700 Delaware Avenue
Buffalo, New York 14209

RE: Interim Remedial Measure Work Plan – Revision 2
26 Clarence Avenue
Buffalo, New York

Dear Ms. Monnin:

KAR Engineering PC (KAR) in conjunction with Alliance Environmental Group, An F.W. Webb Company (F.W. Webb/AEG) has prepared this combined *Interim Remedial Measure Work Plan* (IRM Work Plan) for the F.W. Webb Company facility located at 26 Clarence Avenue in Buffalo, New York.

This work plan was initially submitted in December 2023, and based on recent comments from your office, the enclosed IRM Work Plan is intended to initially address the release of chlorinated volatile organic compounds (CVOCs) to subsurface areas beneath portions of the building at the site. Further work will be required to address nature and extent as well as possible additional remedial measures.

KAR and F.W. Webb/AEG's investigations are detailed in the attached report. If you have questions or require additional information, please contact the undersigned at 908-722-2882 or 401-732-7600.

Respectfully Submitted,
Alliance Environmental Group, An F.W. Webb Company

(Electronic Signature)

Felix A. Perriello, CHMM, CPG, LSP, LEP, REP, CEA, CES, FGS, CGeol, EurGeol, CSci
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KAR Engineering PC

(Electronic Signature)

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Principal

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1.0 INTRODUCTION

KAR Engineering PC (KAR) has prepared this Interim Remedial Measure Work Plan (IRM Work Plan) for the F.W. Webb Company facility located at 26 Clarence Avenue in Buffalo, New York, referred to herein as the "Site." The City of Buffalo further identifies the Site as Parcel No. 90.39-2-8.1 consisting of 1.08 acres. This IRM Work Plan was prepared to detail the scope of work for the installation of active sub-slab depressurization (SSD) systems for the Site building and the assessment of potential off-Site environmental impacts. The SSD systems are being installed to address vapor intrusion of chlorinated volatile organic compounds (CVOCs) detected in soil vapor beneath portions of the Site building. Work is being conducted in accordance with an executed Brownfield Cleanup Agreement dated July 26, 2023.

This IRM Work Plan was prepared in accordance with the New York State Department of Environmental Conservation (NYSDEC) document entitled DER-10 / Technical Guidance for Site Investigation and Remediation, dated May 3, 2010, and the New York State Department of Health (NYSDOH) document entitled Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006. The IRM Work Plan complies with applicable Federal, State, and City laws, regulations, and requirements. Additionally, remedial activities at the Site will be conducted in accordance with the Health and Safety Plan (HASP) prepared specifically for this project. A copy of the HASP will be available on-Site during all investigation and remedial activities.

A Site Location Map and Site Plan are provided as **Figures 1** and **2**, respectively. A Site Layout Plan the depicts the locations of the soil borings and monitoring wells installed at the Site is included as **Figure 3**. A Site Layout Plan showing the locations of the soil vapor points installed at the Site is also included as **Figure 4**.

In January 2023, F.W. Webb/AEG submitted a Brownfield Cleanup Program (BCP) Application Form to NYSDEC. The application was received by NYSDEC on February 1, 2023.

On June 6, 2023, NYSDEC issued a letter to the property owner, Baby's In Black, LLC. The letter indicated that the BCP application had been accepted, and would be formally executed upon receipt of the associated application fee. The requested payment was submitted to NYSDEC on July 20, 2023.

On July 26, 2023, NYSDEC issued a fully executed copy of the Brownfield Cleanup Agreement for the Site to F.W. Webb/AEG. A copy of the executed agreement is presented in **Appendix A**. It is noted that the small, rectangular parcel in the northeastern corner of the Site (Parcel No. 90.39-2-7), which is part of the Site parking area was not included as part of the Brownfield Cleanup Agreement.

1.1 Objectives and Scope of the Interim Remedial Measure Work Plan

The objectives of this IRM-WP Work Plan are as follows:

- Outline the proposed off-Site investigation of potential soil, groundwater and/or soil vapor impacts; and
- Provide a conceptual layout plan for the proposed SSD systems to be installed throughout the footprint of the Site building.

As discussed in this report, the proposed SSD systems will be comprised of multiple vapor extraction points to be installed throughout the Site building, which will be used to create a negative pressure under the building and collect potentially contaminated vapor for subsequent discharge to the atmosphere above the roof of the building. Installation and operation of the SSD systems is the primary component of the investigation and remediation plan for the Site, and will address potential vapor intrusion associated with soil vapor analytical data previously collected in various sections of the building.

1.2 Professional Engineer Certification

I, Michael Rowe, P.E. of KAR Engineering PC, certify that I am currently a New York State registered Professional Engineer as defined in 6 NYCRR Part 375, and that this IRM Work Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with NYSDEC DER-10/Technical Guidance for Site Investigation and Remediation.

Refer to **Appendix B** for the Kar Engineering PC Engagement Letter from F.W. Webb Company.

2.0 SITE DESCRIPTION AND BACKGROUND

The Site consists of one parcel of land identified as Parcel No. 90.39-2-8.1, with a total area of approximately 1.08 acres, located in a mixed industrial/residential neighborhood in Buffalo, New York. The approximate center of the Site is located at 42° 56' 7.10" north latitude and 78° 49' 23.46" west longitude. The Universal TransMercator (UTM) Zone 17 coordinates are 4755930 meters north and 677618 meters east. A single-story, approximately 12,500 square-foot building and a paved parking lot are located at the Site. The Site building is currently occupied by F.W. Webb Company, a retailer of industrial valves, pipes, fittings, and other supplies. The Site building is utilized for office space, warehousing, shipping, and light fabrication work.

The Site has historically been used for both residential and industrial purposes. Historic uses included machine shop operations, manufacturing of automobile parts, and grinding services. Based on a review of available information, the Site has been developed since circa 1935. Prior to 1935, the Site was historically comprised of numerous small parcels of undeveloped land.

Currently, the properties in the vicinity of the Site consist of a mixture of commercial/industrial and residential parcels. The commercial/industrial properties include a machine shop and an automobile repair facility. Past uses of area properties include residences, machine shops, manufacturing businesses, and automobile services. Abutting properties include:

- 59 Clyde Avenue – Vacant Industrial Land
- 62 Clyde Avenue – Manufacturing and Processing
- 870 Kensington Avenue – City of Buffalo (Right of Way)
- 19 Clyde Avenue – Automotive Body Repair and Tire Shop
- 27 Clyde Avenue – Manufacturing and Processing
- 852 Kensington Avenue – Manufacturing
- 870 Kensington Avenue – Vacant Industrial
- 46 Clarence Avenue - Single Family Dwelling
- 50 Clarance Avenue – Two Family Dwelling

2.1 Physical Setting

The Site is situated at an elevation of approximately 660 feet above mean sea level (MSL). The general Site and area topography slopes gradually downward in a west/northwest direction towards the Niagara River.

2.1.1 Flood Insurance Rate Maps

According to Federal Emergency Management Agency (FEMA) mapping, the Site is located within an area classified as Zone X, which is defined as an area of minimal flood hazard, usually depicted on Flood Insurance Rate Maps as above the 500-year flood level.

2.1.2 Geology and Hydrology

Based on information provided by the United States Department of Agriculture (USDA) Soil Survey Geographic Database, soil at the Site is comprised of Urban Land. This unit consists of level to moderately sloped soils that have been disturbed by cutting or filling and areas that are covered by buildings and pavement.

The mapped bedrock unit beneath the Site is described as belonging to the Onondaga Limestone Group with different limestone members including Nedrow, Moorehouse, Edgecliff, and Seneca formations. Bedrock in the vicinity of the Site is from the Devonian Era.

During the installation of interior monitoring wells MW-1 through MW-3, bedrock was identified at shallow depths of 4 feet, 5 feet, and 3.5 feet below existing surface grade, respectively. Monitoring wells were installed to respective depths of 11 feet, 18 feet, and 15 feet in MW-1, MW-2, and MW-3. Groundwater was observed to be present below the depth of the bedrock in all three monitoring wells. Groundwater was present at depths of 8 feet, 13.5 feet, and 8 feet in monitoring wells MW-1, MW-2, and MW-3, respectively. The soil mantling the bedrock is urban fill or miscellaneous fill with building materials present in the matrix. Specific soil profile observations from the boring activities included the following:

- Borings B-3 and B-6 are situated near monitoring well MW-1 and had similar soil profiles. Medium fine gray gravel with asphalt debris was noted in borings B-3 and B-6. Clay and peat were observed to a depth of 32 inches below grade followed by a black medium coarse sand and fine gravel. An organic peat smell was observed between 24 and 32 inches below grade in boring B-3. Geoprobe probe refusal due to the presence of bedrock was encountered at 4.5 feet below grade in both borings.

- Boring B-7 is situated near monitoring well MW-3 and contained a white gravel and sand material to a depth of 7 inches below grade. A dark red-brown clay silt was present between the depths of 7 and 24 inches below grade. A red-brown clay with trace fine gravel was present between 24 and 36 inches below grade. Rock fragments were present in the drive shoe of the geoprobe core. Geoprobe probe refusal due to the presence of bedrock was encountered at 4 feet below grade in boring B-7.

- Boring B-10 is situated near monitoring well MW-2. A medium coarse gravel with no odor was present from grade to 8 inches below grade. A gray silt with no odor was observed between 8 and 24 inches below grade. A black fine sand with a VOC odor was observed between 24 and 34 inches below grade. The black fine sand also had brick and wood debris in the fill matrix. A dark gray clay with a chemical VOC odor was presented in boring B-10 between the depths of 34 and 36 inches below grade. Geoprobe probe refusal due to the presence of bedrock was encountered at 5 feet below grade.

No surface water bodies were observed at the Site, or are known to be located within at least 1,000 feet. The presumed groundwater flow direction based on local and regional geology is

towards the west/southwest. During Remedial Investigation activities, the geology and hydrogeology will be further assessed to determine groundwater flow, soil and/or bedrock characterization.

3.0 SUMMARY OF ENVIRONMENTAL INVESTIGATIONS TO DATE

3.1 Soil Boring Advancement

On October 27 and 28, 2021, F.W. Webb/AEG personnel supervised the advancement of 15 soil borings at the Site, including nine exterior and six interior borings. The drilling locations were selected based on current and historical uses of the Site, and the areas of potential environmental concern identified during the preliminary Site inspection and records review. Refer to **Figure 3** for the approximate locations of the soil borings.

Prior to drilling, the Site was pre-marked and a Dig Safely New York utility clearance ticket was obtained. A ground penetrating radar (GPR) survey of the drilling areas was also completed. The soil borings were advanced using a track-mounted Geoprobe® by Coastal Environmental Solutions, Inc. (Coastal) of Holbrook, New York under the supervision of F.W. Webb/AEG personnel. During drilling, soil samples were collected and screened for organic vapors using a photoionization detector (PID) equipped with a 10.6 electron-volt lamp and calibrated to an isobutylene response.

Refusal due to shallow bedrock (five feet below grade or less) was encountered at all boring locations. The subsurface lithology encountered at the Site primarily consisted of clays and silts above the bedrock interface. No evidence of an overburden aquifer was observed, although suspected “perched” water was noted at boring locations B-4 and B-7 (heavy rainfall had also occurred the day prior). Soil boring logs consisting of PID readings, soil descriptions, and other pertinent information are included as **Appendix C**.

Soil samples were collected in the field from each boring location in pre-cleaned and (if applicable) preserved containers provided by the analytical laboratory, placed on ice in a cooler, and transported to the laboratory under chain of custody protocol. The soil samples were submitted to Pace Analytical Inc. (Pace) of Mansfield, Massachusetts, for analysis of the following:

- Volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 5035;
- Semi-volatile organic compounds (SVOCs) by USEPA Method 8270D; and
- Total NYSDEC metals by USEPA Method 3050B.

3.1.1 Summary of Soil Analytical Data

Soil analytical results were compared to the following NYSDEC criteria:

- Protection of Groundwater Soil Cleanup Objectives (PGWSCOs); and

- Commercial Use Soil Cleanup Objectives (CSCOs)

Refer to **Tables 1A** and **1B** for summaries of the soil laboratory analytical data from the exterior and interior drilling locations, respectively. As indicated in **Tables 1A** and **1B**, certain VOCs, SVOCs and/or metals were reported at the following locations at concentrations above one or more of the NYSDEC criteria:

Summary of Maximum Concentrations in Soil

Contaminant	Maximum Concentration (mg/kg)	Location	PGWSCO (mg/kg	CSCO (mg/kg)
1,1-Dichloroethane	1.3	B-6	0.27	500
Tetrachloroethane	110	B-10	1.3	150
1,1,1-Trichloroethane	5.5	B-10	0.68	500
Vinyl chloride	0.3	B-6	0.02	13
1,1-Dichloroethene	0.37	B-6	0.33	500
trans-1,2-Dichloroethene	0.38	B-6	0.19	500
Trichloroethene	19	B-10	0.47	200
cis-1,2-Dichloroethene	8	B-13	0.25	500
Benzo(a)anthracene	34	B-10	1	1
Benzo(a)pyrene	25	B-10	1	1
Benzo(b)fluoranthene	36	B-10	1	5.6
Benzo(k)fluoranthene	9.5	B-10	0.8	56
Chrysene	23	B-10	1	56
Dibenzo(a,h)anthracene	3.6	B-10	0.33	0.56
Indeno(1,2,3-cd)pyrene	14	B-10	0.5	5.6
Acetone	0.098	B-16	0.05	500
1,3-Dichlorobenzene	0.51	B-10	2.4	280
Total Arsenic	16.9	B-14	13	16
Total Copper	224	B-14	50	270
Total Lead	1,060	B-10	63	1,000
Total Manganese	2,490	B-9	1,600	10,000
Total Mercury	0.28	B-14	0.18	2.8
Total Nickel	29,400	B-14	30	310
Total Selenium	6.66	B-14	3.9	1,500
Total Zinc	408	B-8	109	10,000

Notes:
1. Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) as referenced in Table 375.6.8(b) – Restricted Use Soil Cleanup Objectives – govt.westfall.com
2. Commercial Soil Objectives (CSCOs) referenced in Table 375-6.8(b) – Restricted Use Soil Cleanup Objectives – govt.westfall.com

It is noted that the concentrations of some analytes were below the laboratory reporting limits, although the reporting limits were greater than the NYSDEC Unrestricted and/or Groundwater Restricted Use Criteria. Refer to **Appendix D** for the soil laboratory analytical reports. **Figure 5** presents a summary of the soil laboratory results.

3.1.2 Interior Floor Drain Assessment

On October 27, 2021, Alliance Environmental Group (AEG) personnel inspected the interior floor drains (DR-1 through DR-6) for the presence of solids and sediment. Of the existing floor drains, DR-2, DR-2a, and DR-6 did not contain any solids – only water. Refer to **Figure 3** for the locations of the floor drains, at the time of assessment, floor drain discharge location could not be confirmed. The floor drain discharge location(s) will be further assessed during Remedial

Investigation activities. Note that DR-3 consisted of a series of trench drains connected to a central drain, and was found to be filled in with solids.

Using a hand auger, samples of the sediment were collected from the remaining floor drains (DR-1, DR-3, DR-4, and DR-5) and field-screened with a PID. The PID readings were less than 1.0 parts per million by volume (ppmv) in all floor drains except for DR-5, which exhibited a PID reading of 101.3 ppmv and was noted to have a petroleum-type odor. The solid samples were submitted to Pace for laboratory analysis of VOCs, SVOCs, and NYSDEC metals (Method 3050B).

The samples collected from the floor drains were collected in clean, pre-preserved (where appropriate) glassware provided by Pace, labeled in the field, placed on ice in a cooler, and collected by an Pace courier under chain of custody protocol.

Refer to **Table 1C** for a summary of the floor drain soil analytical results. As indicated in **Table 1C**, the reported concentrations of various analytes (metals, VOCs and/or SVOCs) were above the NYSDEC Unrestricted Use criteria in each of the four samples. As such, the solids in the floor drains shall be managed as a Regulated Waste, at a minimum. Additionally, due to the elevated concentrations of certain metals (such as lead), further analysis would be required to confirm that these solids do not meet hazardous criteria for disposal purposes.

Copies of the floor drain sample laboratory analytical reports are included in **Appendix D**.

3.3 Groundwater Monitoring Well Installation and Sampling

Due to the presence of shallow bedrock, potentially impacted soils, and the lack of an overburden aquifer, bedrock monitoring wells were installed at the Site on November 16 and 17, 2021. The wells were installed by Coastal, under the supervision of AEG, using air hammer methodology. Well locations were selected based upon the potential presence of overburden soil contamination and/or drilling accessibility and feasibility. The air hammer methodology generates a significant amount of fine rock fragments, particles, and dust, which can represent a health hazard. Consequently, no monitoring wells were installed inside the frequently occupied portions of the Site building.

The boreholes were advanced into the bedrock until water-bearing fractures were intercepted. The monitoring wells were installed at depths ranging from 11 to 18 feet below ground surface (bgs), and were identified as MW-1, MW-2, and MW-3. The wells were constructed of two-inch-diameter Schedule 40 polyvinyl chloride (PVC) slotted screen and solid riser. A sand filter pack was placed around the well screens, with a bentonite seal above the sand. The remaining annular spaces were then grouted in place up to grade. The wells were finished with flush-mounted steel road boxes and expandable gripper plugs. Following installation, the monitoring wells were developed by pumping a minimum of five well volumes from each well. The purge water was drummed for off-Site management.

Refer to **Figure 3** for the locations of the three groundwater monitoring wells. Well construction details are included in the soil boring/monitoring well installation logs provided in **Appendix C**.

On November 17, 2021, groundwater samples were collected from the three monitoring wells in pre-cleaned and (if applicable) preserved containers provided by Pace, placed on ice in a cooler, and transported to Pace under chain of custody protocol. The groundwater samples were analyzed for VOCs by USEPA Method 5035, SVOCs by USEPA Method 8270D, and total NYSDEC metals (Method 3050B).

3.3.1 Summary of Groundwater Analytical Data

According to the NYSDEC website, all fresh groundwater in New York State is classified as GA, which indicates a potential source for a potable water supply. Therefore, groundwater analytical results were compared to the June 1998 NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.2 GA Groundwater Effluent Limitations. These criteria are used to characterize the extent of contamination in groundwater, and are not intended to determine whether a release of oil and/or hazardous materials (OHM) has occurred.

Groundwater analytical data for the Site are summarized in **Tables 2A** through **2C**. As indicated in these tables, reported concentrations of the following analytes were above the applicable NYSDEC TOGS GA Groundwater Effluent Limitations:

Summary of Maximum Concentrations in Groundwater

Contaminant	Maximum Concentration (µg/l)	Location	TOGS-GA (µg/L)
1,1-Dichloroethane	140	MW-1	5
Tetrachloroethane	1,700	MW-1	5
1,2-Dichloroethane	1.5	MW-1	0.6
Vinyl chloride	430	MW-1	2
Chloroethane	17	MW-1	5
1,1-Dichloroethene	28	MW-1	5
trans-1,2-Dichloroethene	11	MW-2	5
Trichloroethene	160	MW-1	5
cis-1,2-Dichloroethene	640	MW-1	5
Benzo(a)anthracene	0.25	MW-2	0.002
Benzo(a)pyrene	0.19	MW-2	0.002
Benzo(b)fluoranthene	0.29	MW-2	0.002
Benzo(k)fluoranthene	0.02	MW-1	0.002
Chrysene	0.05	MW-1	0.002
Indeno(1,2,3-cd)pyrene	0.16	MW-2	0.002
Total Chromium	63.28	MW-3	100
Total Lead	31.16	MW-2	50

It is noted that the concentration of certain VOCs and SVOCs in groundwater collected from various wells were below the laboratory reporting limits, although the reporting limits were greater than the NYSDEC GA Groundwater Effluent Limitations for these compounds.

The groundwater laboratory analytical report for the Site is included as **Appendix E**. **Figure 6** presents a summary of the groundwater laboratory results.

3.4 Soil Vapor Assessment

On October 28, 2021, F.W. Webb/AEG personnel collected four sub-slab soil vapor samples from locations inside the Site building – refer to **Figure 4** for the locations of the soil vapor points. The soil vapor point locations were selected based upon locations of known or suspected VOC impacts to soil. The soil vapor samples were collected using the Cox-Colvin VaporPin™ technology. The soil vapor points (VMP-1 through VMP-4) were installed via the manufacturer's instructions, which included drilling a 5/8-inch hole through the pavement, clearing the hole of soil and pavement dust, and inserting the VaporPin™ with its fitted silicone sleeve. A typical cross section of an installed vapor point is shown below.

Diagram 1 – Cox-Colvin VaporPin™ (www.coxcolvin.com)

Prior to sampling, the soil vapor points were purged for approximately ten minutes using a PID calibrated to an isobutylene standard. The maximum PID readings for the four soil vapor points during purging were as follows:

- VMP-1 – 8.5 ppmv
- VMP-2 – 4.7 ppmv
- VMP-3 – 5.5 ppmv
- VMP-4 – 43.5 ppmv

Soil vapor samples were then collected from each point using 2.7-liter capacity evacuated steel Summa canisters. The canisters were equipped with regulators to achieve a flow rate of less than 0.2 liters-per-minute, as specified in the NYSDOH guidance document. The Summa canisters were connected to the soil vapor points using silicon and polyethylene tubing. In accordance with the

NYSDOH guidance, isopropyl alcohol was used as a liquid tracer to verify the integrity of the sampling train. Paper towels were soaked with isopropyl alcohol and wrapped around the silicon/polyethylene tubing connection points. The samples were submitted to Pace for analysis of VOCs by USEPA Method TO-15.

On April 14, 2022, F.W. Webb/AEG conducted a second round of soil vapor sampling utilizing an expanded Cox-Colvin VaporPin™ network. The ten soil vapor points sampled, which are depicted in **Figure 4**, included VMP-1, VMP-3, VMP-4, VMP-6, VMP-8, VMP-11, and VMP-13 through VMP-16. The soil vapor samples were collected using 2.7-liter capacity evacuated steel Summa canisters equipped with regulators to achieve a flow rate of less than 0.2 liters per minute. The Summa canisters were connected to the soil vapor points using silicon and polyethylene tubing, and isopropyl alcohol was used as a liquid tracer to verify the integrity of the sampling train (similar procedure to the October 2021 sampling event). The samples were submitted to Pace for analysis of VOCs by USEPA Method TO-15.

3.4.1 Summary of Soil Vapor Analytical Data

Based on the soil vapor analytical results, which are summarized in **Table 3**, VOCs including tetrachloroethylene, trichloroethylene, cis-1,2-dichloroethene, 1,1,1-trichloroethane and/or vinyl chloride were detected above the associated NYSDOH Sub-Slab Vapor Concentration Criteria in the samples collected from VMP-1, VMP-3, VMP-4, VMP-6, VMP-8, VMP-11, VMP-13, VMP-14, VMP-15, and VMP-16. The associated soil vapor pins are located in the northern, southern, western, and central portions of the Site building.

Summary of Maximum Concentrations Soil Vapor

Contaminant	Maximum Concentration (ug/m3)	Location
Vinyl chloride	320	VMP-8
cis-1,2-Dichloroethene	9,750	VMP-8
n-Hexane	171,000	VMP-14
1,1,1-Trichloroethane	9,060	VMP-8
Cyclohexane	43,400	VMP-14
Trichloroethene	25,900	VMP-1
Heptane	29,500	VMP-14
Toluene	53.1	VMP-8
Tetrachloroethene	70,500	VMP-4

NYSDOH utilizes a matrix to compare the concentrations of sub-slab soil vapor results to indoor air results as a mechanism to determine potential regulatory requirements and/or appropriate response actions. Based on the reported concentrations of VOCs in sub-slab soil vapor and in indoor air (discussed below in **Section 3.5.1**), mitigation of Site-related VOCs is required.

The soil vapor laboratory analytical reports for the samples collected in October 2021 and April 2022 are provided in **Appendix F**. **Figures 7 and 8** present summaries of the soil vapor laboratory results

3.5 Indoor Air Assessment

On April 14, 2022, AEG personnel collected four indoor samples inside the Site building, and one exterior/control sample. The sample locations, depicted on **Figure 4** were as follows:

- IA-1 – southwestern portion of building in receiving area adjacent to warehouse
- IA-2 – central/western portion of building in front warehouse area
- IA-3 – central/eastern portion of building in high-bay warehouse
- IA-4 – northern portion of building in pipe storage area
- Exterior – outside of the western edge of the building, adjacent to the office area

The indoor/outdoor air samples were collected using 2.7-liter capacity evacuated steel Summa canisters set at breathing height (between approximately three and five feet above grade). The canisters were equipped with regulators to facilitate sample collection over a period of approximately eight hours to evaluate a typical work shift. A summary of the indoor air sample collection times is presented in the following table:

Summary of Air Sample Collection Times

Date	Location	Start Time	End Time	Elapsed Time
4/14/22	IA-1	0736	1543	8 hr., 7 min.
4/14/22	IA-2	0741	1543	8 hr., 2 min.
4/14/22	IA-3	0745	1548	8 hr., 3 min.
4/14/22	IA-4	0751	1545	7 hr., 54 min.
4/14/22	Exterior	0754	1546	8 hr., 2 min.

The samples were submitted to Pace for analysis of VOCs by USEPA Method TO-15 and TO-15 Selective Ion Monitoring (TO-15-SIM).

3.5.1 Summary of Indoor Air Analytical Data

Based on the Pace Analytical Inc. results, as summarized in the table below and Table 4 attached, Maximum Concentrations in each of the five indoor air samples collected, select locations indicated VOCs above the NYSDOH NY-IAC-A through F Matrix. Based on the NYSDOH matrix standards compared to soil gas analytical results, remedial mitigation is required as a mechanism to reduce potential impact to occupants.

Summary of Maximum Concentrations Indoor Air

Contaminant	Maximum Concentration (ug/m3)	Location
Carbon tetrachloride	0.522	IA-1
Trichloroethene	0.747	IA-1 and IA-2
Heptane	111	IA-3
Toluene	94.2	IA-3
Ethylbenzene	2.23	IA-3
p/m-Xylene	9.56	IA-3
o-Xylene	2.29	IA-3

Figure 9 presents a summary of the indoor air monitoring laboratory results.

3.6 SSD System Pilot Testing – April 2022

On April 13, 2022, AEG and Coastal conducted preliminary SSD system pilot testing at the Site. Pilot testing was conducted in three areas of the Site building, including the pipe storage room (northwest portion of building), the front warehouse (central/northeast portion of building), and the high bay warehouse (north/northeast portion of building). The testing was conducted using four-inch-diameter vapor extraction wells installed at depths directly below the floor slab. The extraction wells (EXP-1 through EXP-3, respectively) were connected to a portable Rotron blower (Model DR454R58), a 1.5-horsepower regenerative blower capable of producing a vacuum of up to 65 inches of water column (" H_2O).

The initial test was conducted using the extraction well EXP-3 in high bay warehouse. A stepped test was conducted, which included operating the blower with the intake valve open to 100% (1st step) and 50% (2nd step). Air flow rates averaging approximately 790 and 460 feet per minute (ft/min) were measured at the blower during the 1st and 2nd steps, respectively. To determine vacuum influence, readings were taken at the following soil vapor points at approximately 15-minute intervals using a digital, hand-held manometer:

- VMP-3 (20 feet from EXP-3)
- VMP-7 (44 feet from EXP-3)
- VMP-8 (43 feet from EXP-3)
- VMP-12 (10 feet from EXP-3)

The second test was conducted using extraction well EXP-2 in the front warehouse. Due to electrical issues (as relating to powering the blower), a stepped test was not conducted at this location and the blower was left 100% during testing. An average air flow rate of approximately 720 ft/min was measured at the blower during testing, and vacuum influence readings were taken at the following soil vapor points at approximately 15-minute intervals:

- VMP-1 (43 feet from EXP-2)
- VMP-2 (12 feet from EXP-2)
- VMP-5 (18 feet from EXP-2)
- VMP-6 (40 feet from EXP-2)

- VMP-13 (eight feet from EXP-2)

The third and final test was conducted using extraction well EXP-1 in the pipe storage room. A stepped test was conducted, which included operating the blower with the intake valve open to 100% (1st step) and 50% (2nd step). Air flow rates averaging approximately 190 and 70 ft/min were measured during the 1st and 2nd steps, respectively. Vacuum influence readings were taken at the following soil vapor points at approximately 15-minute intervals:

- VMP-4 (37 feet from EXP-1)
- VMP-9 (46 feet from EXP-1)
- VMP-10 (five feet from EXP-1)
- VMP-11 (15 feet from EXP-1)

Based on the results of the pilot testing, AEG estimated that the approximate radii of influence (based on achieving a vacuum of at least 0.005" H_2O) was as follows for the areas tested:

- Pipe Storage Room (EXP-1) – 35-40 feet
- Middle Warehouse (EXP-2) – 50 feet
- High Bay Warehouse (EXP-3) – 40 feet

3.7 SSD System Pilot Testing – June 2023

On June 20, 2023, Alpine Environmental Services, Inc. (Alpine) of Albany, New York, conducted additional SSD system pilot testing at the Site to aid in the design of the proposed systems. The existing extraction wells (EXP-1 through EXP-3) and selected soil vapor points were utilized during testing, and additional vacuum influence readings were taken throughout the Site building. This was accomplished by drilling small holes in the slab and measuring the vacuum using a digital manometer, with flexible silicone tubing used to establish a seal at the penetrations and connect to the manometer.

Based on the results of the pilot testing, Alpine estimated that the approximate radii of influence (based on achieving a vacuum of at least 0.005" H_2O) was as follows for the areas tested:

- Pipe Storage Room (EXP-1) – 35 feet
- Middle Warehouse (EXP-2) – 45 feet
- High Bay Warehouse (EXP-3) – 40 feet

4.0 INTERIM REMEDIAL MEASURE WORK PLAN

4.1 Nature and Extent of Contamination and Proposed Remedy

As discussed above, environmental impacts have been detected in various media at the Site including soil, groundwater, soil vapor, and indoor air. The nature and extent of the identified impacts are discussed in this section. Based on the investigation conducted to date, additional assessment is required to delineate the nature and extent of contamination.

4.1.1 Nature and Extent of Impacts

For soil, the NYSDEC Unrestricted Use criteria (or most stringent potentially applicable soil criteria) were used to determine the extent of impacts at the Site. As previously mentioned, the nature of soil impacts includes VOCs, SVOCs, and metals. Based on the analytical data collected to date, soil impacts have not been fully delineated to the north, south, and east. Impacts to soil look to have been delineated in a westerly direction by boring B-11, which did not exhibit the VOCs detected at a similar depth at nearby boring B-15 to the east. However, it is noted that although non-detect, the laboratory reporting limit for acetone (which was detected above certain NYSDEC criteria in B-15) was greater than the Unrestricted Use criteria of 0.05 milligrams per kilogram (mg/kg).

For groundwater, exceedances of NYSDEC GA Effluent Limitations have not been delineated beyond the Site boundaries. The current monitoring well network is comprised of wells in the northeast (MW-1), northwest (MW-2), and southern (MW-3) portions of the Site. Contaminants detected above NYSDEC criteria at these locations include VOCs, SVOCs, and metals (northerly wells), and SVOCs and metals (southerly well). It is also noted that an overburden aquifer has not been encountered on-Site, and that the three monitoring wells were installed in the shallow bedrock aquifer. During well installation, bedrock was encountered at depths between approximately 3.5 and 5.0 feet bgs. As shown in the boring logs (**Appendix C**), the wells were screened at depths below the bedrock interface. Additional monitoring wells to be installed for delineation purposes, subsequent to this submittal, are also expected to be screened in the shallow bedrock aquifer to evaluate potential VOC, SVOC, and metals impacts.

VOC soil vapor impacts were detected in the samples collected from the vapor pins installed in each section of the Site building investigated in 2021 and 2022. Delineation of soil vapor impacts at locations outside the footprint of the building has not been conducted. As discussed above in section 3.4.1, VOCs were detected above the NYSDEC Matrix A through F. Refer to the table below for a summary of NYSDOH Soil Vapor and Indoor Air Matrix determinations. Co-located samples were not completed throughout the building, and if needed, future sub-slab and indoor air samples will be co-located.

With regard to indoor air, delineation of VOC impacts has not been completed since each of the four samples collected inside the Site building (IA-1 through IA-4) contained trichloroethylene at concentrations above the NYSDEC Matrix A through F Indoor Air Concentrations Criteria. Carbon

tetrachloride was also detected above the NYSDEC criteria in these four samples; however, it was also detected in the background (Exterior) sample at a concentration similar to those detected in IA-1 through IA-4. Therefore, carbon tetrachloride is believed to be attributable to background conditions in this area, and not a result of a release of this compound from the Site. Additional remedial investigation(s) are required to evaluate the nature and extent of the contamination in soil, groundwater, soil gas, and indoor air. Including investigation of off-Site receptors and sources.

Soil Vapor/Indoor Air Matrix Actions

Contaminant	Maximum Concentration (ug/m3)	Location	Action
Carbon tetrachloride	0.522	IA-1	No Further Action
Trichloroethene	0.747	IA-1 and IA-2	Mitigate
Heptane	111	IA-3	Mitigate
Toluene	94.2	IA-3	Mitigate
Ethylbenzene	2.23	IA-3	No Further Action
p/m-Xylene	9.56	IA-3	No Further Action
o-Xylene	2.29	IA-3	No Further Action
Vinyl chloride	320	VMP-8	Mitigate
cis-1,2-Dichloroethene	9,750	VMP-8	Mitigate
n-Hexane	171,000	VMP-14	Mitigate
1,1,1-Trichloroethane	9,060	VMP-8	Mitigate
Cyclohexane	43,400	VMP-14	Mitigate
Trichloroethene	25,900	VMP-1	Mitigate
Heptane	29,500	VMP-14	Mitigate
Toluene	53.1	VMP-8	Identify Source
Tetrachloroethene	70,500	VMP-4	Mitigate

Figure 10 presents a summary of the soil vapor / indoor air matrix actions.

4.1.2 Proposed Soil Vapor and Indoor Air Remedy

The initial interim remedial measure proposed for the Site is the installation and operation of SSD systems throughout the footprint of the Site building to mitigate soil vapor beneath the concrete slab floor. The SSD will provide negative air pressure and prevent soil vapor from entering the ambient indoor air. The SSD system specifications and construction/operation details are outlined in the IRM section of this submittal (**Section 5.0**). Additional remedy options may/will be considered to remedy the entire site once the nature and extent of contamination is assessed.

In accordance with the requirements of NYSDEC and NYSDOH, as discussed during a Webex meeting on September 11, 2023, F.W. Webb/AEG will also conduct additional subsurface investigation activities in an effort to delineate the nature and extent of soil, groundwater, soil vapor and/or indoor air impacts at properties adjacent to the Site. Based on the Site's acceptance into the Brownfield Cleanup Program (Main Parcel, No. 90.39-2-8.1), and since F.W. Webb/AEG will be conducting this work as a Voluntary Party, F.W. Webb/AEG will not be responsible for the remediation of impacts at adjacent properties, if present. Supplemental investigation is

necessary to define the source and extent of contaminants on-Site. In order to commence with delineation assessment, a Remedial Investigation Work Plan will be submitted to NYSDEC and NYSDOH for review and approval.

4.2 Data Needed to Complete the Remedial Design

No additional data is needed to complete the SSD system remedial design. Based on the soil vapor analytical data collected throughout the Site building in 2021 and 2022, and pilot testing activities conducted in 2022 and 2023, **Appendix G** presents a conceptual SSD system design/ layout to address vapor intrusion of CVOCs detected in soil vapor beneath portions of the Site building. Indoor air sampling will be conducted no sooner than 30 days following the start-up of the sub-slab depressurization system.

4.3 Detailed Description of the Interim Remedial Measure

A total of eight SSD systems are proposed for installation at the Site. The systems will be comprised of multiple vapor extraction points to be installed throughout the Site building, which will be used to create a negative pressure under the building and collect potentially contaminated vapor for subsequent discharge to the atmosphere above the roof of the building. This Interim Remedial Measure Work Plan includes a proposed SSD system, specifications and construction/operation details are outlined in the IRM section of this submittal (**Section 5.0**).

Alpine subsequently provided F.W. Webb/AEG with a proposed SSD system design package entitled Vapor Mitigation System Design - FW Webb Site - 26 Clarence Avenue, Buffalo, New York. The design package outlined the installation of a total of eight SSD systems throughout the Site building, including the extraction point locations and system piping layouts. Alpine also provided equipment specifications and cut sheets for the proposed RadonAway fans and Magnehelic® differential pressure gauges. The Vapor Mitigation System Design and proposed equipment specifications/cut sheets are provided in **Appendix G**.

To evaluate potential off-Site impacts as indicated above, it is anticipated that access to several adjacent and nearby properties will be required to achieve delineation of the VOC, SVOC, and metals impacts. The properties that access may be requested for, some of which are not direct abutters and may only be needed if access to intermediate properties is refused, include the following:

- City of Buffalo (for Clarence Avenue public right-of-way to the east of the Site)
- 90.39-1-3.1
- 90.39-1-4
- 90.39-2-5
- 90.39-2-6
- 90.39-2-15
- 90.39-2-16
- 90.39-2-17
- 90.39-2-18

- 90.39-2-23
- 90.39-2-24
- 90.39-3-3.1

As needed, the off-Site sampling will include a combination of soil borings, groundwater monitoring wells, and co-located soil vapor intrusion/indoor air sampling. A work plan for the off-site sampling will be forwarded to NYSDEC for review and approval following the installation of the SSDS at the Site

4.4 Required Permits and Authorizations

Other than NYSDEC and NYSDOH approval of this IRM Work Plan, no permits or authorizations are anticipated to be required for the installation of the SSD systems in the Site building.

Approval from the City of Buffalo, potentially in the form of a street-opening or other permit, will likely be required for the planned installation of groundwater monitoring wells in the Clarence Avenue right-of-way (specific City requirements are to be determined). The proposed area for installation of monitoring wells in City-owned property is the grass-surfaced strip of land adjacent to the sidewalk along the eastern edge of Clarence Avenue, or on the sidewalk itself if preferred by the City.

In order to conduct soil, groundwater and/or vapor intrusion investigations at the adjacent and nearby commercial and residential properties, access agreements will be required. The agreements will be prepared by F.W. Webb/AEG and mailed to the owners of the properties for which access is being requested. Signed agreements will be required in order for F.W. Webb/AEG to proceed with any work at off-Site properties.

Prior to any subsurface activities, the properties to be investigated will be pre-marked and UDIG NY, Inc. utility clearance permits will be obtained to minimize the potential for damaging any underground utilities in the work areas.

No other permits or authorizations are expected to be required to implement the IRM Work Plan.

4.5 Schedule for Completion of the Design

The SSD system pilot testing and system design has been completed, and is presented in **Appendix G**. As shown in the SSD system diagrams and discussed above, the proposed systems will be comprised of multiple vapor extraction points to be installed throughout the Site building, which will be used to create a negative pressure under the building and collect potentially contaminated vapor for subsequent discharge to the atmosphere above the roof of the building. Alpine, who helped prepare the design and will be the SSD system installation contractor, will be retained for the installation work immediately upon acceptance of the proposed design by NYSDEC.

No formal design for the off-Site investigation of environmental impacts is planned. The layout

of the off-Site soil borings, monitoring wells, soil vapor points, etc. will be dependent on which properties access is granted to, and will dictate the final configuration of the off-Site monitoring points to ensure the best possible network of data points.

4.6 Site Management Plan Requirements

In accordance with the DER-10 regulations, a Site Management Plan (SMP) will be submitted to NYSDEC upon completion of the approved remedial action. The SMP will discuss the following items:

1) Monitoring Plan.
   The Monitoring Plan for the Site will primarily be associated with periodic co-located soil vapor and/or indoor air sampling to confirm that the SSD systems are successful in reducing the concentrations of VOCs beneath the building slab and within ambient air inside the building. The four existing indoor air sample locations would be utilized for future monitoring. Two additional indoor air locations will be included based on the soon to be installed SSDS system. KAR anticipates that a co-located indoor air/soil vapor sample location will be added in the office/sales area as well as the front warehouse area. All six indoor air sample locations will be co-located with soil vapor probes.

   As detailed in **Section 6.0** of this report, the QA/QC plan will be enhanced to ensure consistent data quality for co-located indoor air and soil vapor probe samples. Monitoring of environmental conditions at off-Site properties by KAR is not anticipated to be required.
2) Operation and Maintenance Plan.
   KAR will prepare an Operation Maintenance and Monitoring (OMM) Plan for the SSD systems to be operated at the Site. The OMM Plan will include the following components:
   - Description of the SSD systems and system layout maps;
   - The system operational parameters and associated instrumentation;
   - System alarms, notification requirements, and troubleshooting procedures;
   - Monitoring activities (description and schedule);
   - Log sheets for use during periodic O&M visits; and
   - System shut-down criteria.
3) Interim Site Management Plan (ISMP)
   KAR will prepare an ISMP for use at the Site until a Certificate of Completion is issued by NYSDEC. The ISMP will manage the SSDS prior to the final SMP for the site is completed.

5.0 INTERIM REMEDIAL MEASURE SCOPE OF WORK

The scope of work for the IRM consists of the following tasks:

- Preparation for SSD system installation and mobilization to the Site;
- Installation of the SSD system components;
- SSD system startup and preliminary monitoring to evaluate performance;
- Disposal of generated wastes (concrete and shallow soils); and
- Documentation of system operational parameters.

5.1 Mobilization and Site Preparation for Interim Remedial Measure

If requested by NYSDEC, a project kick-off meeting will be conducted with F.W. Webb/AEG, KAR, NYSDEC and/or NYSDOH.

Alpine, the designated SSD system installation subcontractor, will provide the OSHA-certified labor, equipment, and materials needed for the system installations. No specific Site preparation activities are anticipated to be required to facilitate the installation of the SSD systems. The removal or relocation of products inside the Site building, if necessary for the installation of SSD system components, will be addressed during the system installation activities.

5.2 SSD System Installation

Based on the results of the soil vapor sampling conducted in 2021 and 2022, and the pilot testing activities completed in 2022 and 2023, the area to be treated by the SSD systems has been determined to be comprised of a majority of the footprint of the Site building. The systems were designed such that a minimum vacuum of 0.004" H_2O will be maintained throughout the building footprint.

The inline fans to be used for the eight individual SSD systems are Radonaway Model No. HS5500, and the pressure gauges to be used at the system stack locations are Dwyer Instruments Magnehelic 2040. Cut sheets for this equipment are provided in **Appendix G**. The piping from the extraction points to the fan inlet connections will be constructed of three-inch diameter polyvinyl chloride (PVC). The exhaust stacks will be constructed of three-inch-diameter PVC as well, and the fan connectors will be flexible PVC fittings (Ferncos or equivalent) with screw-tightened clamps. As shown in the SSD system layout plan presented in **Appendix G**, the systems will consist of the following extraction wells:

- System 1 – Pipe Storage Area (northern portion of building)
    - (3) extraction points (EP 1-1 through EP 1-3)
- System 2 – Pipe Storage and Kitchen Areas (central/western portion of building)
    - (3) extraction points (EP 2-1 through EP 2-3)
- System 3 – Front Warehouse and Office Areas (central portion of building)
    - (3) extraction points (EP 3-1 through EP 3-3)

- System 4 – Front Warehouse Area (central portion of building)
    - (2) extraction points (EP 4-1 and EP 4-2)
- System 5 – Receiving Area (southwestern portion of building)
    - (2) extraction points (EP 5-1 and EP 5-2)
- System 6 – High Bay Warehouse Area (northeastern portion of building)
    - (3) extraction points (EP 6-1 through EP 6-3)
- System 7 – High Bay Warehouse Area (central and eastern portions of building)
    - (3) extraction points (EP 7-1 through EP 7-3)
- System 8 – Shop and Assembly/Loading Bay Areas (southeastern portion of building)
    - (2) extraction points (EP 8-1 and EP 8-2)

The 21 extraction points will be installed through four to five-inch holes in the concrete floor, with approximately one cubic foot of soils to be removed from each location to promote vapor recovery, and will extend approximately 12 inches below the slab surface. The three-inch diameter PVC risers will be secured within the extraction pits by inserting PVC fittings or collars against the sides of the pits. Urethane (or similar) caulking will be installed in the annulus between the concrete slab and the pipe fittings to a height flush with the interior floor surface.

Each SSD system will include a pressure gauge and alarm with an indicator light to alert Site personnel if the system loses vacuum. The SSD system piping will be pitched towards the extraction points so that any moisture that builds up will drain back through the extraction pits (through a check valve) and into the soil beneath the building slab. The PVC riser for each individual extraction point will contain a ball valve so that the air flow can be reduced/increased as needed to maintain desired operating parameters. The piping will also be secured to the building walls at the specified intervals prior to penetrating the building for exterior discharge to the atmosphere. The exhaust discharge shall extend above the fans and beyond the edge of the building roof by a minimum of 12 inches and will be at least ten feet above ground level. The exhaust piping will be at least two feet above or ten feet horizontally from any building opening or air intake location. A screen cap with grid openings between 3/8 and 1/2 inches shall be placed on the terminal end of all exhaust pipes. Treatment of the discharged vapors using carbon or other media is not anticipated to be required as part of the SSD system operation.

5.3 SSDS Startup and Testing

Upon installation of the SSD systems, performance testing will be conducted to verify that the systems are operating as designed and to optimize their performance using the extraction point ball valves. The testing will include the following components:

1) Evaluation of the inline fans to ensure that they are operating within the manufacturer's specifications and are not exceeding the maximum recommended operating pressures.
2) Verification that the system gauges are working properly, which will include turning the associated SSD system fans on/off and observing the results.
3) Performance of differential pressure testing of sub-slab conditions using a digital manometer to verify appropriate vacuum levels throughout the Site building.

4) Adjustment of the system ball valves to balance the vacuum levels as needed for each SSD system.

The SSD systems will be considered to be operating appropriately, and to be fully balanced, when vacuum levels of at least 0.004" H_2O can be demonstrated throughout the areas of influence of the vapor extraction points.

5.4 SSDS Operation, Maintenance, and Monitoring

The SMP will detail operation, maintenance, and monitoring (OMM) procedures and be submitted to NYSDEC upon completion of the SSD system installations. This section outlines the components of the OMM plan for the Site.

KAR has evaluated each of the eight SSDS systems and determined that their total VOC emissions discharges are below the regulatory guideline of 0.5 pounds per hour established by NYSDEC in February 2003. **Appendix H** presents the VOC emission calculations from each of the eight proposed SSDS systems.

5.4.1 Operating Procedures

The SSD system fans are designed to operate continuously. No control panels are associated with the fan operation, and no specific manual operation activities are required. However, F.W. Webb/AEG and/or facility personnel will routinely check the systems to make sure that the alarms have not been tripped, and that the systems are operating within the designed vacuum ranges.

On a monthly basis, KAR personnel will measure the air flow rate and temperature at each of the SSD system risers with an anemometer. We will also record the vacuum levels displayed on the Magnehelic pressure gauges, and will screen the effluent stacks for organic vapors using a PID. Although not expected, if significant condensate has accumulated in any of the risers, it will be drained as needed to ensure optimal system performance.

Once the system has been allowed to operate for at least 30 to 60 days, and on an anticipated annual basis thereafter, KAR will collect four indoor air samples at locations inside the Site building to evaluate the system effectiveness in reducing vapor intrusion of VOCs. The indoor air sample locations will be located similar to previous indoor air sample locations. These locations are generally located on **Figure 4**. The following sampling guidelines will be utilized for the indoor air sampling events related to evaluating the effectiveness of the installed SSDS:

1) The air samples will be collected in stainless steel Summa canisters equipped with regulators so the flow rate does not exceed 0.2 liters per minute.
2) The sample canisters will be set up so the inlets are at heights of three to five feet above the floor surface.
3) The sample duration will be approximately eight hours.
4) The samples will be sent to a NYSDOH-approved laboratory and reporting limits will be

below 0.20 µg/m^3.

5) Category B deliverables will be requested for the data from the laboratory to allow for data validation.
6) The validated data will be submitted to the NYSDEC EQuIS database.

Refer to **Figure 4** for a depiction of indoor air sample locations.

5.4.2 Equipment Maintenance

Specifically trained personnel inspecting the SSD systems on a scheduled six-month basis will note any conditions that present a potential hazard or could cause a system mechanical concern. The equipment to be inspected will include the in-line fans, vacuum gauges, and discharge piping networks. Any unusual noise or vibrations will be noted, and the piping/valves will be inspected for leaks.

If specific equipment maintenance needs are identified, such maintenance or repair activities will be performed in accordance with the manufacturer's recommendations and will be documented in the SSD system OMM Log. If repairs are not feasible, any damaged SSD system fans, vacuum gauges, etc., will be replaced as needed. A New York State Professional Engineer will inspect the SSD systems and review semi-annual inspections during the Periodic Review Report (PRR).

5.5 Waste Disposal

As indicated above, it is anticipated that approximately one cubic foot of soil will be removed from directly below the floor slab at each extraction point location. The soil will be containerized in 55-gallon steel drums with bolted ring-top covers, and will be sampled as required by the designated receiving facility permit.

It is understood that past on-Site operations likely generated RCRA F-listed solvent wastes. As part of the IRM Work Plan, any generated soil or waste containing F-listed solvent contamination will be classified and managed as RCRA hazardous waste for off-Site disposal at a regulated facility.

If the waste is determined to be hazardous, it will be disposed of within 90 days of generation at an approved hazardous waste disposal facility. The soil drums will be transported by licensed waste haulers, using properly placarded vehicles, in accordance with applicable City, State, and Federal regulations.

KAR anticipates that any generated remedial waste generated will be in the non-hazardous category. Republic Services has several facilities in New York and also in the geographical vicinity of the Site. Typical testing for off-Site disposal may include the following:

- total petroleum hydrocarbons (TPH) by EPA Method 8100,
- volatile organic compounds (VOCs) by EPA Method 8260/5035,
- semi-VOCs (SVOC – base, neutral, acid – BNA) by EPA Method 8270,

- polychlorinated bi-phenyls (PCBs) by EPA Method 8082,
- Total MCP 14 metals (RCRA 8 metals plus antimony, beryllium, nickel, thallium, vanadium, and zinc),
- toxicity characteristic leachate procedure (TCLP) metal analysis of arsenic, lead, and mercury,
- specific conductance,
- pH,
- ignitability, and
- reactivity.

Off-Site disposal of investigative or remedial based waste will be evaluated on a case-by-case basis and will be dependent upon facility acceptance. All off-Site disposal events will be coordinated with NYSDEC prior to implementation.

5.6 Documentation

Pertinent information including as-built SSD system diagrams, waste disposal documentation, photographs, and system startup data will be included in the SMP and Construction Completion Reports (CCR) as requested by NYSDEC.

6.0 QUALITY ASSURANCE / QUALITY CONTROL (QA/QC)

Pace Analytical, a New York Environmental Laboratory Approval Program (ELAP) certified laboratory, will be used for all soil, groundwater and soil vapor/indoor air analyses. Sample collection and analysis will be conducted in accordance with DER-10 Technical Guidance for Site Investigation and Remediation, Chapter 2, dated May 2010.

Following the installation of the SSDS system, six co-located indoor air/soil vapor sample locations will be utilized in the building area. The four existing indoor air sample locations would be utilized for future monitoring. A co-located indoor air/soil vapor sample location will be added in the office/sales area as well as the front warehouse area. All six indoor air sample locations will be co-located with soil vapor probes.

QA/QC samples will be included in each standard data group (SDG) of indoor air/soil vapor samples. A typical SDG is 20 samples or less. For each media, indoor air or soil vapor, a duplicate and a background sample will be collected. The duplicates will be collected using a “T” connection of the summa can piping. The background samples will be ambient air. All summa cans utilities for indoor air/soil vapor analysis will be analyzed for USEPA Method TO-15 and will be individually certified prior to deployment to the Site.

The indoor/outdoor air samples will be collected using 2.7-liter capacity evacuated steel Summa canisters set at breathing height (between approximately three and five feet above grade). The

canisters were equipped with regulators to facilitate sample collection over a period of approximately eight hours to evaluate a typical work shift. The composite draw will not exceed 200 ml/minute and the final vacuum in the summa can will be between zero and negative 15 mm of mercury.

7.0 REPORTING

7.1 Reporting During Site Activities

During installation of the SSD systems, progress updates and/or reporting to NYSDEC can be conducted on a daily/weekly basis if desired, or as otherwise requested.

In accordance with DER-10 Section 5.7, progress reports will be submitted to NYSDEC on a minimum monthly basis once the proposed work is initiated. The reports will describe the activities completed during the applicable reporting period, and will outline the planned Site activities to be completed during the subsequent two months. Any issues that arise or modifications to the original design plan or schedule will also be discussed, along with planned solutions to address the identified project challenges. As required, the progress reports will be provided in electronic format per DER- Section 1.15.

7.2 Construction Completion Report

A Construction Completion Report (CCR) will be submitted to NYSDEC upon completion of the IRM for the SSD system installation and startup/shakedown activities. The CCR will describe the SSD system installation activities, including all data collected during the installation and testing of the individual systems. Summary tables and figures (system layout and as-built construction diagrams, etc.) will be included in the CCR.

The Construction Completion Report (CCR) and associated as-built drawings will include the Professional Engineer certifications required under DER-10 Sections 5.8(b)1 and 5.8(b)8. All documentation related to the CCR will be incorporated into the final submittal, including:

- Completed waste disposal manifests for soil removed from beneath the slab;
- The approved Interim Site Management Plan (ISMP); and
- All laboratory analytical results, along with corresponding data sheets and required data deliverables.

8.0 IRM WORK PLAN SCHEDULE

KAR on behalf of F.W. Webb/AEG and is prepared to initiate the SSD system installation activities immediately upon approval by NYSDEC. It is expected that the SSD system installations will commence within 30 days or less of receiving NYSDEC authorization to proceed, which will allow for appropriate time to obtain a UDIG NY, Inc. utility clearance permit and provide notifications to affected Site personnel.

Although not part of the SSD system installation component of the remedy, it is also anticipated that the access agreement letters for the adjacent and nearby properties (for evaluation of the extent of off-Site impacts) will also be submitted within no more than 30 days following NYSDEC approval. Site access letters will be forwarded to NYSDEC for review and comment prior to mail out.

As mentioned above, Remedial Action Progress Reports will be submitted to NYSDEC on a minimum monthly basis following submittal of this report.
It is anticipated that the timelines for the SSD system installations and subsequent report submittals will be as follows:

Task No.	Task Description	Expected Duration
1	Site Mobilization and Work Area Preparation	(1) Day
2	Installation of (8) SSD Systems	(5) to (6) Weeks
3	SSD System Startup, Testing, and Adjustments	(2) Days
4	Disposal of Soil Drums Generated During SSD System Installation	(2) Weeks [Following System Installation]
5	Submittal of Interim Site Management Plan (ISMP)	(3) Weeks [Following System Installation]
6	Submittal of CCR	(4) to (6) Weeks [Following System Installation]

9.0 COMMUNITY AIR MONITORING PLAN (CAMP)

A CAMP is required for ground intrusive activities associated with the installation of the proposed SSDS. Subsurface work will include, but not be limited to, drilling investigations to delineate contaminants horizontally and vertically beneath the Site. A Community Air Monitoring Plan (CAMP) is provided in **Appendix I** to provide a level of protection to workers and surrounding off-Site receptors from volatile organic compounds (VOCs), fugitive dust, and odors. The CAMP was developed in accordance with NYSDOH, DER-10 Technical Guidance, dated May 2010.

FIGURES

TABLES

APPENDIX A

Brownfield Cleanup Program Agreement (Executed)

APPENDIX B

KAR Engineering PC Engagement Letter

APPENDIX C

Soil Boring and Monitoring Well Installation Logs

APPENDIX D

Soil Laboratory Analytical Reports

APPENDIX E

Groundwater Laboratory Analytical Reports

APPENDIX F

Soil Vapor and Indoor Air Laboratory Analytical Reports

APPENDIX G

Design Package – Proposed Sub-Slab Depressurization Systems

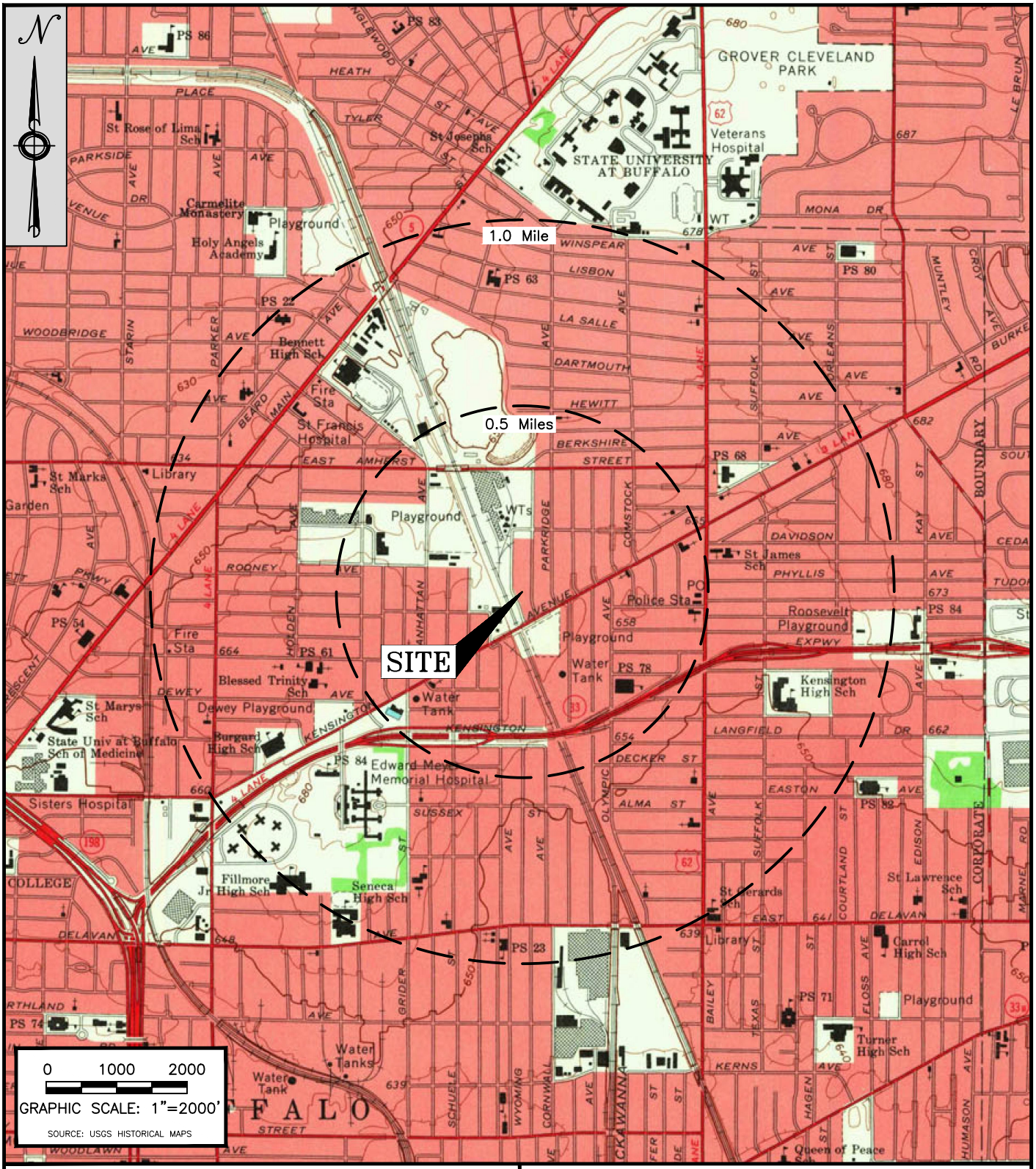
APPENDIX H

VOC Emissions from Proposed SSDS Systems

APPENDIX I

Community Air Monitoring Plan (CAMP)

FIGURES



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SITE LOCUS MAP

26 CLARENCE AVENUE
BUFFALO, NEW YORK

	DRAWN	CHECKED	APPROVED
BY	G.A.D.	T.B.H.	
DATE	9-19-2023	4/22/25	

SCALE		DRAWING NUMBER
AS NOTED		FIGURE 1

NOTES:

1. ALL FEATURE LOCATIONS ARE APPROXIMATE. PROPERTY BOUNDARIES SHOULD NOT BE USED TO DETERMINE LEGAL OWNERSHIP.
2. SCALE IS APPROXIMATE.

LEGEND

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE PROPERTY BOUNDARY

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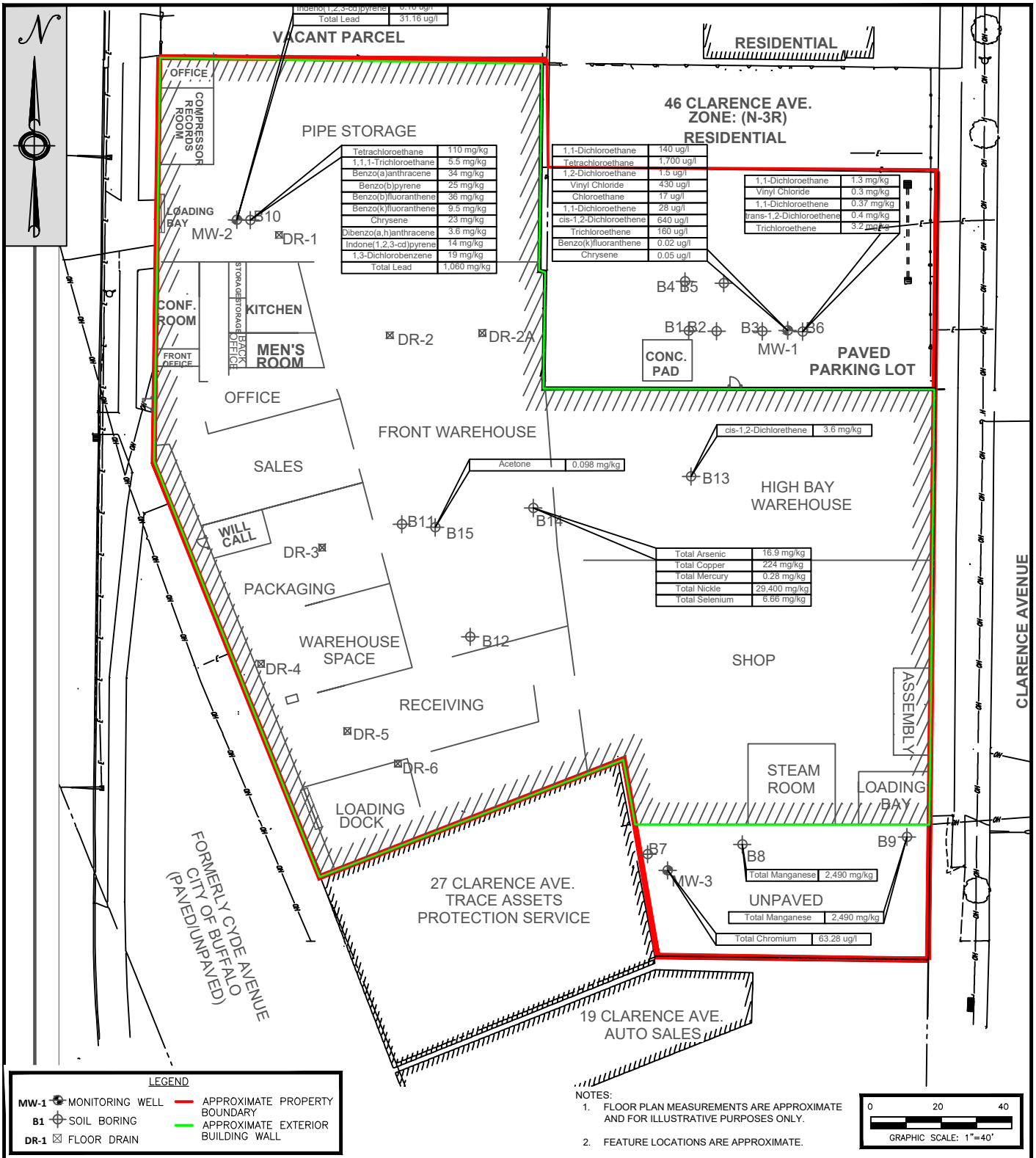
PLOT MAP

26 CLARENCE AVENUE
BUFFALO, NEW YORK

	DRAWN	CHECKED	APPROVED
BY	G.A.D.	T.B.H.	
DATE	9-19-2023	4-22-25	

SCALE		DRAWING NUMBER
AS NOTED		FIGURE 2



SITE LAYOUT – BORINGS AND WELLS

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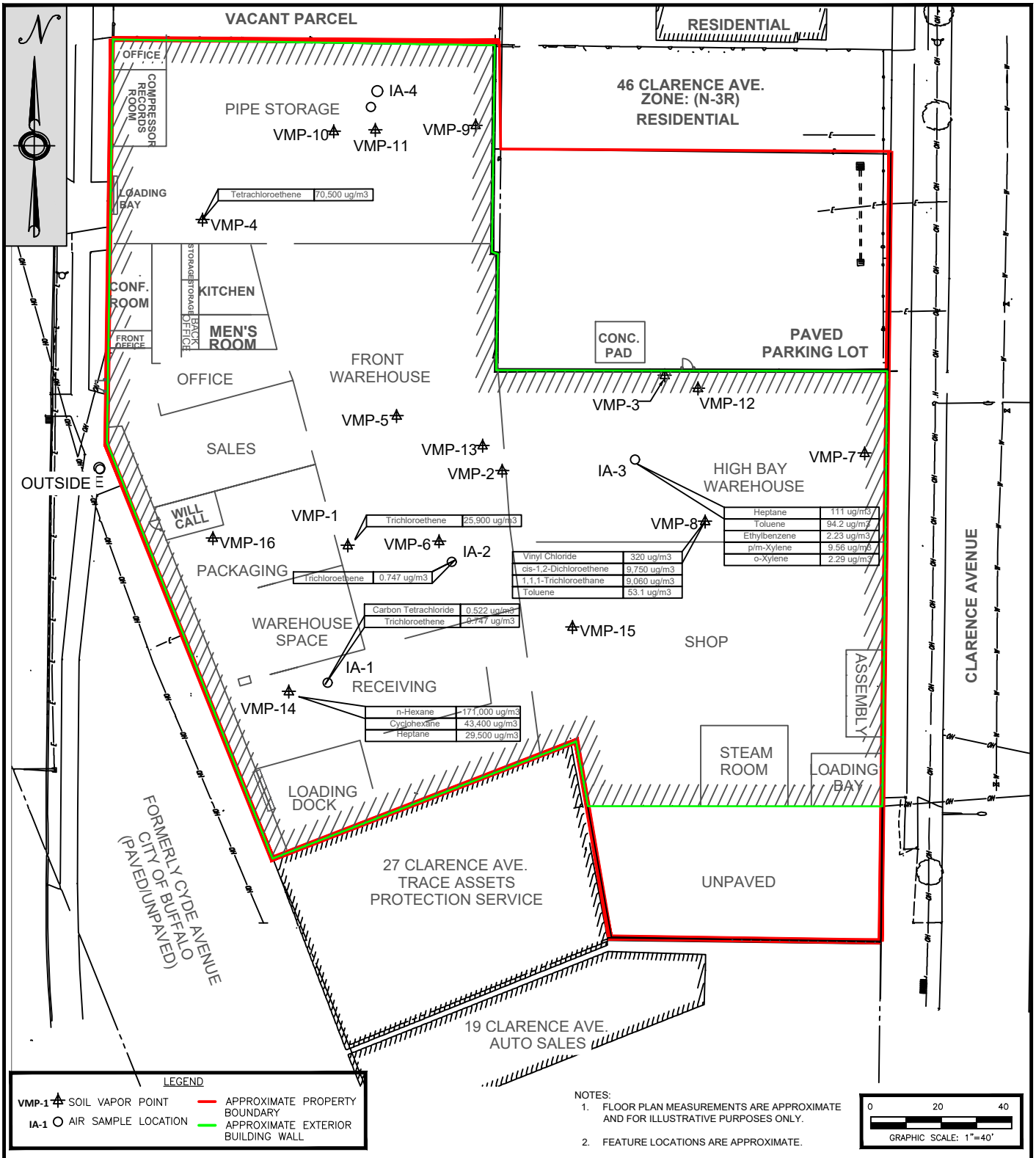
26 CLARENCE AVENUE
BUFFALO, NEW YORK

	DRAWN	CHECKED	APPROVED
BY	G.A.D.	T.B.H.	
DATE	9-19-2023	4-22-25	

SCALE		DRAWING NUMBER
AS NOTED		FIGURE 3



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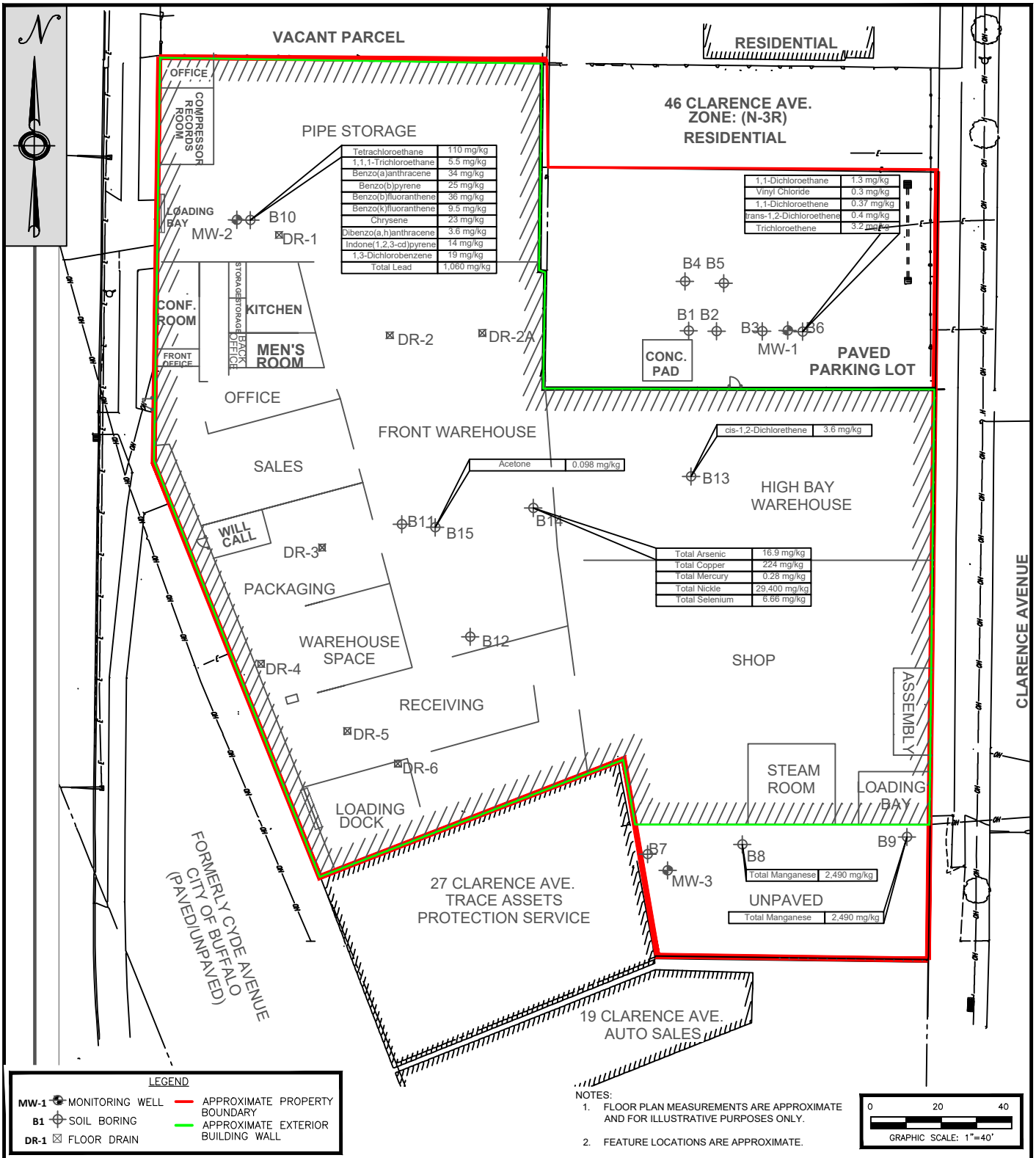
SITE LAYOUT – SOIL VAPOR POINTS AND AIR SAMPLE LOCATIONS

26 CLARENCE AVENUE BUFFALO, NEW YORK

	DRAWN	CHECKED	APPROVED
BY	G.A.D.	T.B.H.	
DATE	9–19–2023	6–27–25	

SCALE		DRAWING NUMBER
AS NOTED		FIGURE 4



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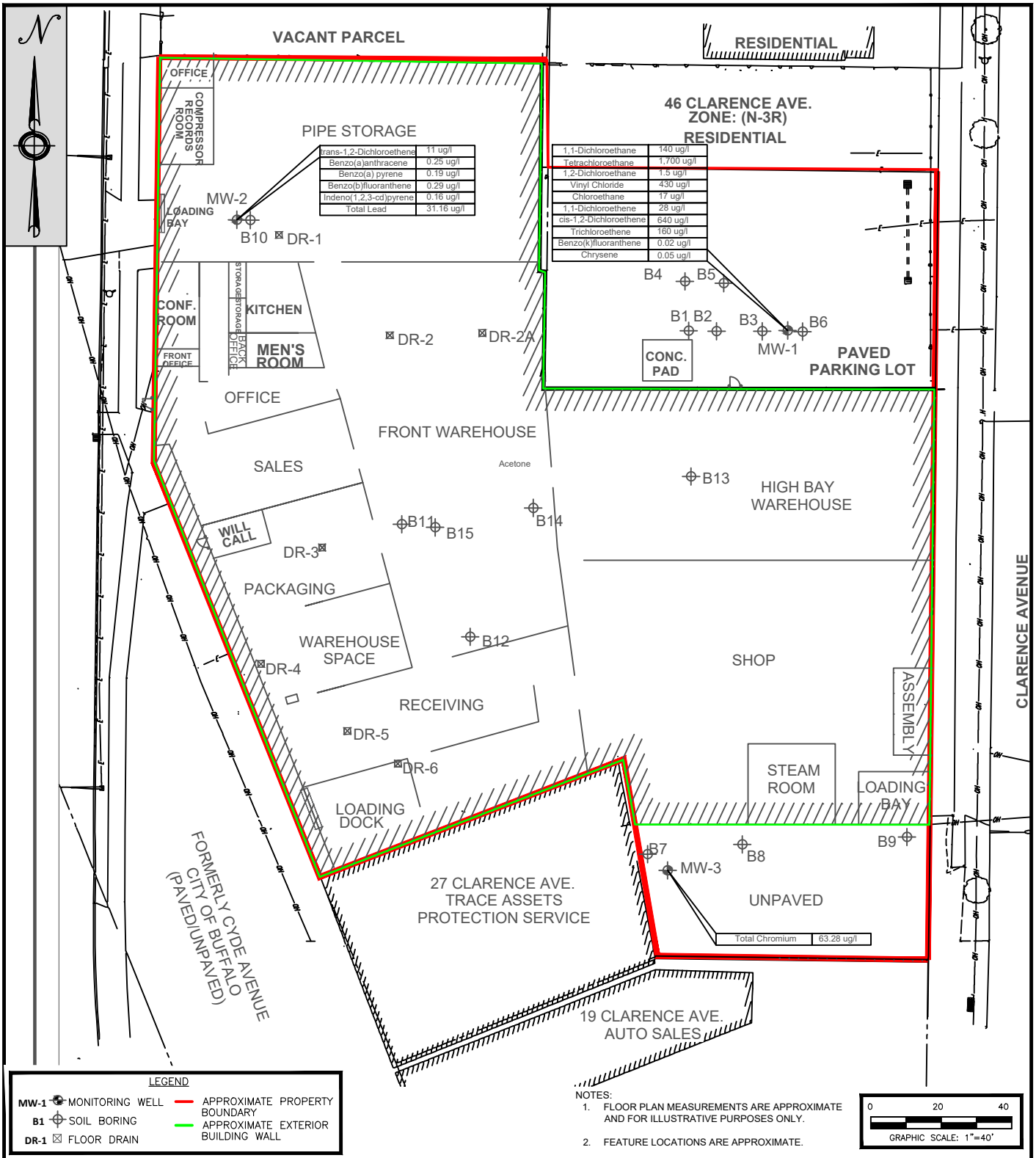
SOIL SAMPLE RESULTS

26 CLARENCE AVENUE
BUFFALO, NEW YORK

	DRAWN	CHECKED	APPROVED
BY	G.A.D.	T.B.H.	
DATE	9-19-2023	4-22-25	

SCALE		DRAWING NUMBER
AS NOTED		FIGURE 5



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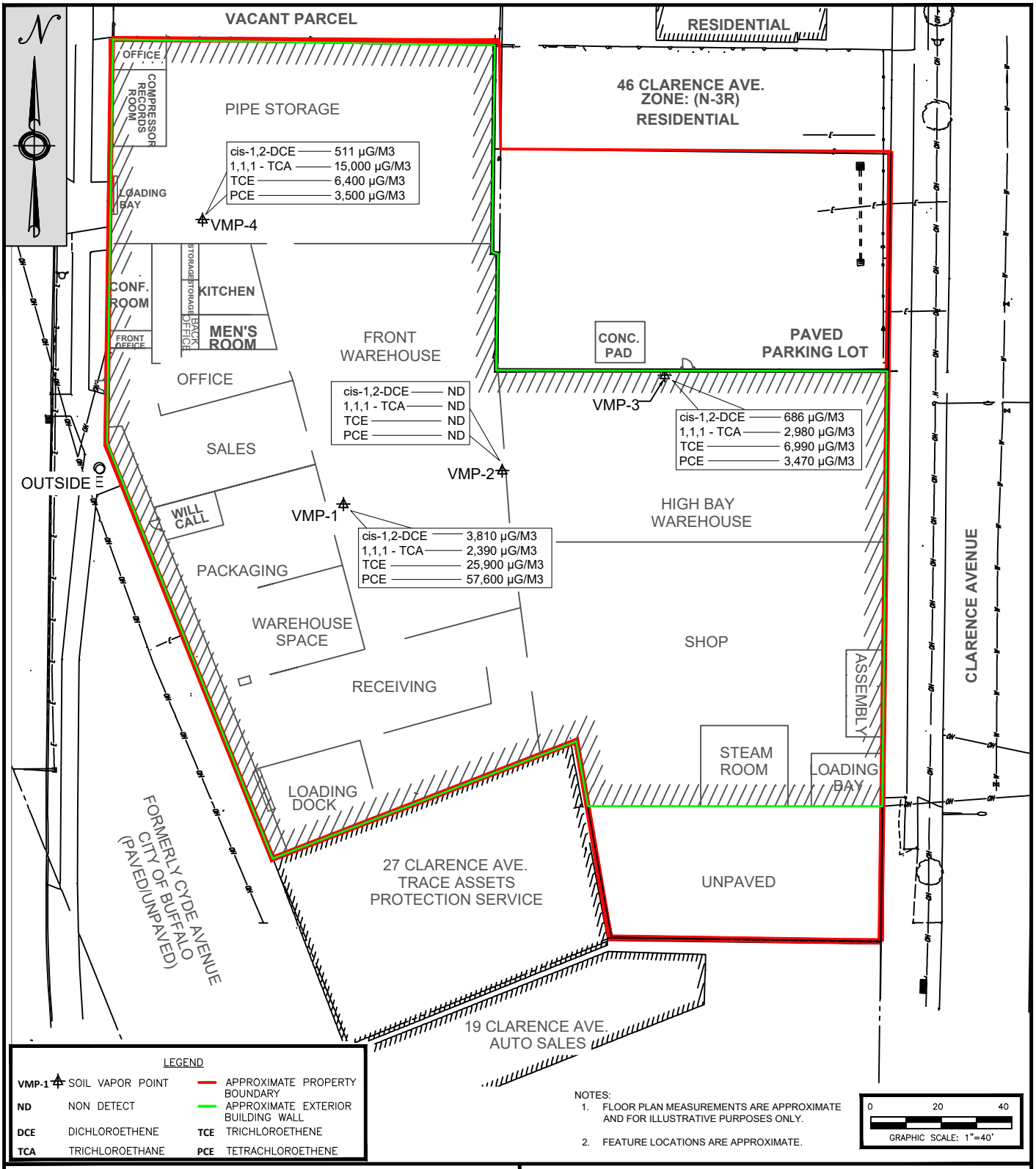
GROUNDWATER RESULTS

26 CLARENCE AVENUE
BUFFALO, NEW YORK

	DRAWN	CHECKED	APPROVED
BY	G.A.D.	T.B.H.	
DATE	9-19-2023	4-22-25	

SCALE		DRAWING NUMBER
AS NOTED		FIGURE 6



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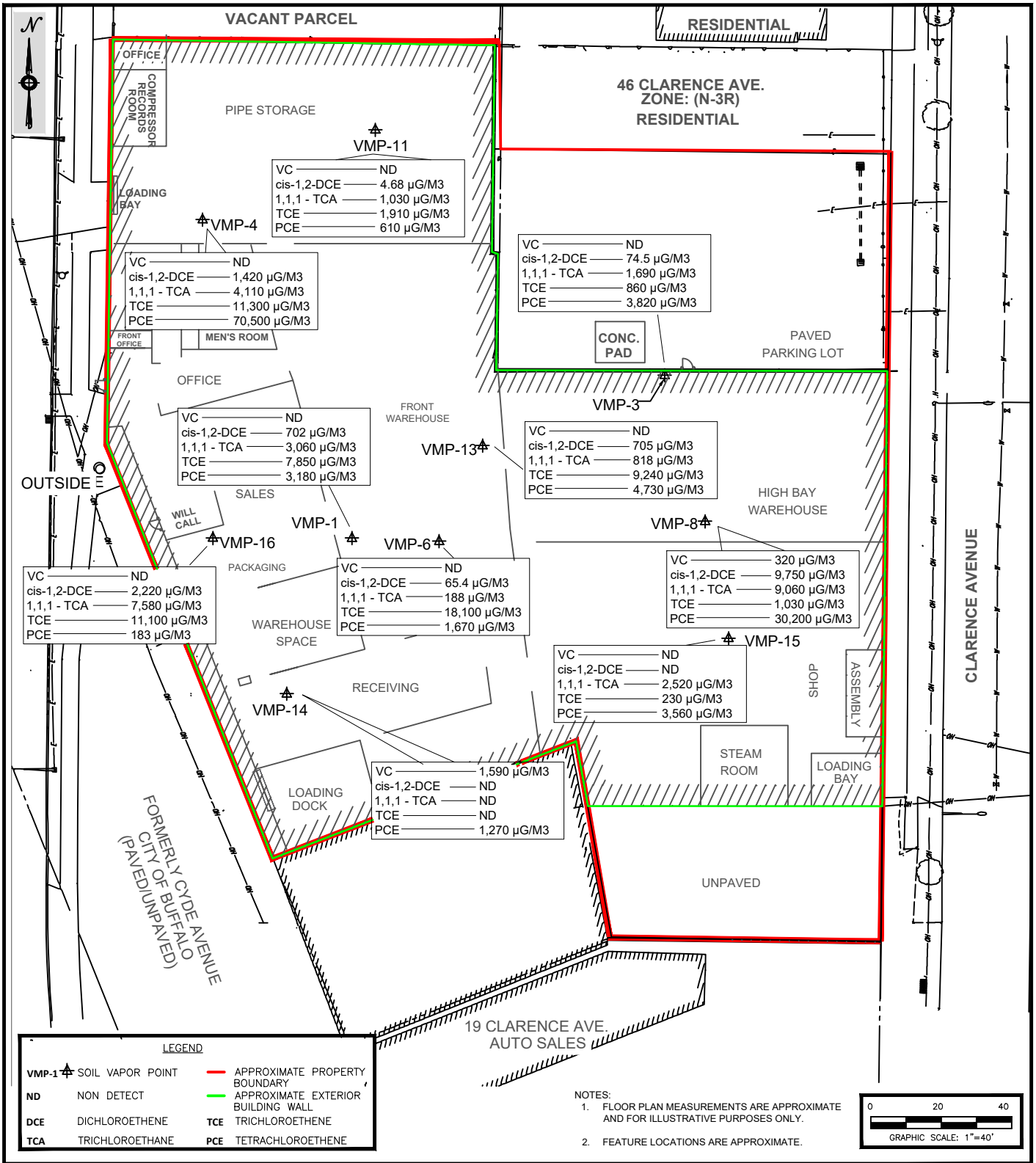
SOIL VAPOR RESULTS – OCTOBER 2021

26 CLARENCE AVENUE
BUFFALO, NEW YORK

	DRAWN	CHECKED	APPROVED
BY	G.A.D.	T.B.H.	
DATE	9–19–2023	4–22–25	

SCALE		DRAWING NUMBER
AS NOTED		FIGURE 7



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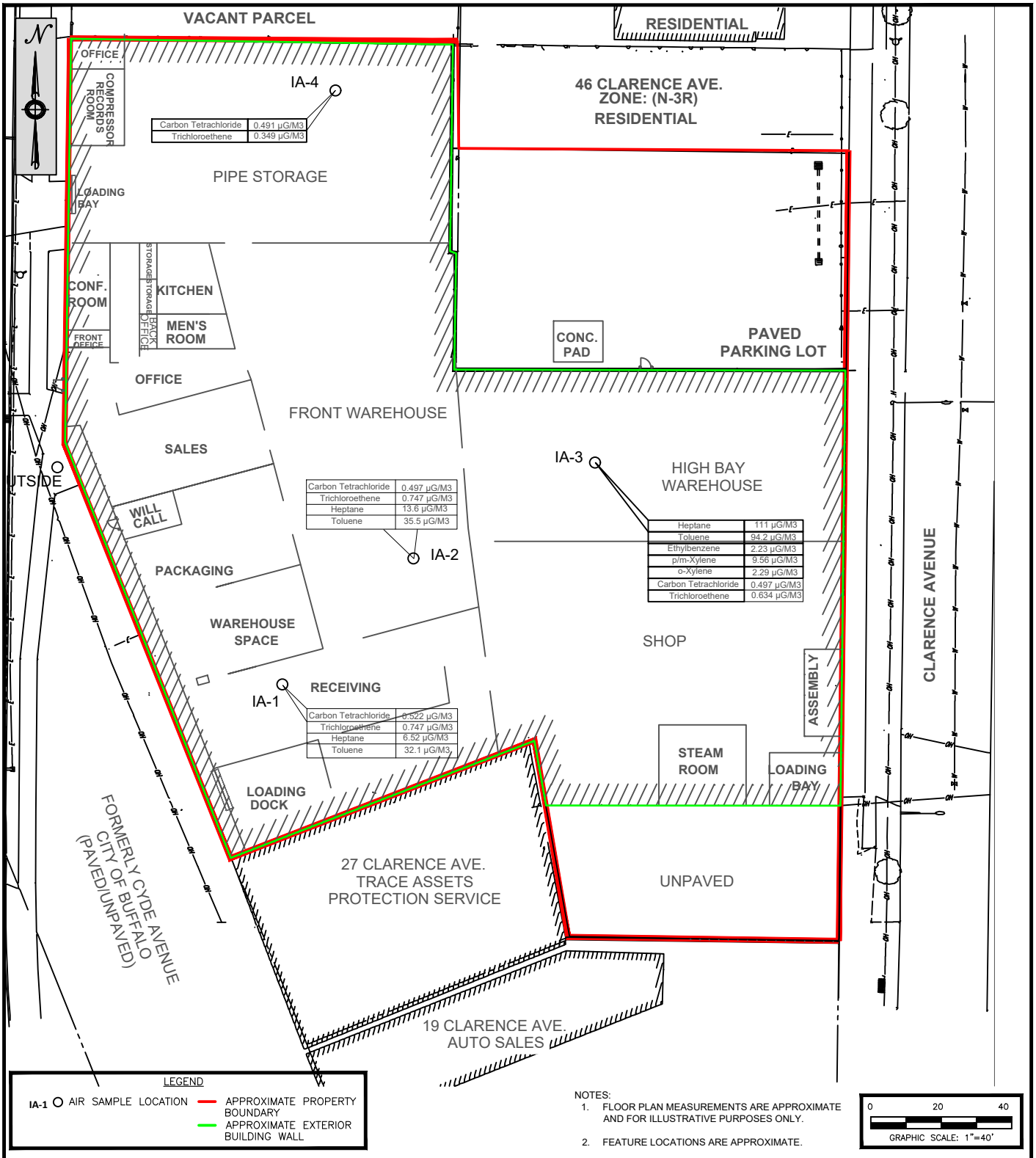
SOIL VAPOR RESULTS – APRIL 2022

26 CLARENCE AVENUE
BUFFALO, NEW YORK

	DRAWN	CHECKED	APPROVED
BY	G.A.D.	T.B.H.	
DATE	9–19–2023	6–27–25	

SCALE		DRAWING NUMBER
AS NOTED		FIGURE 8



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INDOOR AIR SAMPLE RESULTS – APRIL 2022

26 CLARENCE AVENUE BUFFALO, NEW YORK

	DRAWN	CHECKED	APPROVED
BY	G.A.D.	T.B.H.	
DATE	9–19–2023	4–22–25	

SCALE		DRAWING NUMBER
AS NOTED		FIGURE 9

Soil Vapor/Indoor Air Matrix Actions

Contaminant	Maximum Concentration (ug/m3)	Location	Action
Carbon tetrachloride	0.522	IA-1	No Further Action
Trichloroethene	0.747	IA-1 and IA-2	Mitigate
Heptane	111	IA-3	Mitigate
Toluene	94.2	IA-3	Mitigate
Ethylbenzene	2.23	IA-3	No Further Action
p/m-Xylene	9.56	IA-3	No Further Action
o-Xylene	2.29	IA-3	No Further Action
Vinyl chloride	320	VMP-8	Mitigate
cis-1,2-Dichloroethene	9,750	VMP-8	Mitigate
n-Hexane	171,000	VMP-14	Mitigate
1,1,1-Trichloroethane	9,060	VMP-8	Mitigate
Cyclohexane	43,400	VMP-14	Mitigate
Trichloroethene	25,900	VMP-1	Mitigate
Heptane	29,500	VMP-14	Mitigate
Toluene	53.1	VMP-8	Identify Source
Tetrachloroethene	70,500	VMP-4	Mitigate

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SOIL VAPOR / INDOOR AIR MATRIX ACTIONS

26 CLARENCE AVENUE
BUFFALO, NEW YORK

	DRAWN	CHECKED	APPROVED
BY	S.F.G.	T.B.H.	
DATE	4-23-2025	4-24-2025	

SCALE		DRAWING NUMBER
AS NOTED		FIGURE 10

TABLES

Table 1A
Summary of Soil Analytical Data - Exterior Locations
26 Clarence Avenue, Buffalo, New York

LOCATION					B-1 6-12"		B-2 6-12"		B-3 4-4.5'		B-4 4-4.5		B-5 3.5-4'		B-6 24-28''		B-7 1-2'	
SAMPLING DATE					10/27/2021		10/27/2021		10/27/2021		10/27/2021		10/27/2021		10/27/2021		10/27/2021	
LAB SAMPLE ID					L2158958-01		L2158958-02		L2158958-03		L2158958-04		L2158958-05		L2158958-06		L2158958-07	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																		
	CasNum	NY-RESC	NY-RESGW	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																		
Solids, Total	NONE			%	80		89		80.2		88.7		86.9		87.3		84	
Cyanide, Total	57-12-5	27	40	mg/kg	3.6		1.6		1.2	U	1.1	U	1.1	U	1.1	U	1.1	U
Semivolatile Organics by GC/MS																		
Acenaphthene	83-32-9	500	98	mg/kg	0.83	U	0.15	U	0.16	U	0.15	U	0.15	U	0.15	U	0.069	J
1,2,4-Trichlorobenzene	120-82-1			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
Hexachlorobenzene	118-74-1	6	3.2	mg/kg	0.62	U	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U	0.12	U
Bis(2-chloroethyl)ether	111-44-4			mg/kg	0.93	U	0.16	U	0.18	U	0.16	U	0.17	U	0.17	U	0.18	U
2-Chloronaphthalene	91-58-7			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
1,2-Dichlorobenzene	95-50-1	500	1.1	mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
1,3-Dichlorobenzene	541-73-1	280	2.4	mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
1,4-Dichlorobenzene	106-46-7	130	1.8	mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
3,3'-Dichlorobenzidine	91-94-1			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
2,4-Dinitrotoluene	121-14-2			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
2,6-Dinitrotoluene	606-20-2			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
Fluoranthene	206-44-0	500	1,000	mg/kg	0.2	J	0.097	J	0.1	J	0.11	U	0.11	U	0.11	U	0.86	
4-Chlorophenyl phenyl ether	7005-72-3			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
4-Bromophenyl phenyl ether	101-55-3			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
Bis(2-chloroisopropyl)ether	108-60-1			mg/kg	1.2	U	0.22	U	0.25	U	0.22	U	0.22	U	0.23	U	0.24	U
Bis(2-chloroethoxy)methane	111-91-1			mg/kg	1.1	U	0.2	U	0.22	U	0.2	U	0.2	U	0.2	U	0.21	U
Hexachlorobutadiene	87-68-3			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
Hexachlorocyclopentadiene	77-47-4			mg/kg	3	U	0.52	U	0.59	U	0.52	U	0.53	U	0.54	U	0.56	U
Hexachloroethane	67-72-1			mg/kg	0.83	U	0.15	U	0.16	U	0.15	U	0.15	U	0.15	U	0.16	U
Isophorone	78-59-1			mg/kg	0.93	U	0.16	U	0.18	U	0.16	U	0.17	U	0.17	U	0.18	U
Naphthalene	91-20-3	500	12	mg/kg	1	U	0.18	U	0.055	J	0.18	U	0.19	U	0.061	J	0.049	J
Nitrobenzene	98-95-3			mg/kg	0.93	U	0.16	U	0.18	U	0.16	U	0.17	U	0.17	U	0.18	U
NDPA/DPA	86-30-6			mg/kg	0.83	U	0.15	U	0.16	U	0.15	U	0.15	U	0.15	U	0.16	U
n-Nitrosodi-n-propylamine	621-64-7			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
Bis(2-ethylhexyl)phthalate	117-81-7			mg/kg	1	U	0.16	J	0.21	U	0.32		0.23		0.19	U	0.2	U
Butyl benzyl phthalate	85-68-7			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
Di-n-butylphthalate	84-74-2			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
Di-n-octylphthalate	117-84-0			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
Diethyl phthalate	84-66-2			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
Dimethyl phthalate	131-11-3			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
Benzo(a)anthracene	56-55-3	5.6	1	mg/kg	0.13	J	0.056	J	0.032	J	0.11	U	0.11	U	0.11	U	0.44	
Benzo(a)pyrene	50-32-8	1	22	mg/kg	0.83	U	0.053	J	0.16	U	0.15	U	0.15	U	0.15	U	0.36	
Benzo(b)fluoranthene	205-99-2	5.6	1.7	mg/kg	0.62	U	0.093	J	0.046	J	0.11	U	0.11	U	0.11	U	0.46	
Benzo(k)fluoranthene	207-08-9	56	1.7	mg/kg	0.62	U	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U	0.16	
Chrysene	218-01-9	56	1	mg/kg	0.62	U	0.066	J	0.046	J	0.11	U	0.11	U	0.11	U	0.33	
Acenaphthylene	208-96-8	500	107	mg/kg	0.83	U	0.15	U	0.16	U	0.15	U	0.15	U	0.15	U	0.16	U
Anthracene	120-12-7	500	1000	mg/kg	0.62	U	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U	0.17	
Benzo(ghi)perylene	191-24-2	500	1000	mg/kg	0.83	U	0.041	J	0.16	U	0.15	U	0.15	U	0.15	U	0.16	
Fluorene	86-73-7	500	386	mg/kg	1	U	0.18	U	0.022	J	0.18	U	0.19	U	0.19	U	0.096	J
Phenanthrene	85-01-8	500	1000	mg/kg	0.62	U	0.052	J	0.1	J	0.11	U	0.11	U	0.047	J	0.7	
Dibenzo(a,h)anthracene	53-70-3	0.56	1000	mg/kg	0.62	U	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U	0.047	J
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	8.2	mg/kg	0.83	U	0.043	J	0.16	U	0.15	U	0.15	U	0.15	U	0.19	
Pyrene	129-00-0	500	1000	mg/kg	0.17	J	0.096	J	0.073	J	0.11	U	0.11	U	0.02	J	0.66	
Biphenyl	92-52-4			mg/kg	2.4	U	0.42	U	0.47	U	0.42	U	0.42	U	0.43	U	0.45	U
4-Chloroaniline	106-47-8			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
2-Nitroaniline	88-74-4			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
3-Nitroaniline	99-09-2			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
4-Nitroaniline	100-01-6			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
Dibenzofuran	132-64-9	350	210	mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.054	J
2-Methylnaphthalene	91-57-6			mg/kg	1.2	U	0.22	U	0.09	J	0.22	U	0.22	U	0.044	J	0.032	J
1,2,4,5-Tetrachlorobenzene	95-94-3			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
Acetophenone	98-86-2			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
2,4,6-Trichlorophenol	88-06-2			mg/kg	0.62	U	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U	0.12	U
p-Chloro-m-cresol	59-50-7			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
2-Chlorophenol	95-57-8			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
2,4-Dichlorophenol	120-83-2			mg/kg	0.93	U	0.16	U	0.18	U	0.16	U	0.17	U	0.17	U	0.18	U
2,4-Dimethylphenol	105-67-9			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
2-Nitrophenol	88-75-5			mg/kg	2.2	U	0.39	U	0.44	U	0.4	U	0.4	U	0.41	U	0.43	U
4-Nitrophenol	100-02-7			mg/kg	1.4	U	0.26	U	0.29	U	0.26	U	0.26	U	0.26	U	0.28	U
2,4-Dinitrophenol	51-28-5			mg/kg	5	U	0.88	U	0.99	U	0.88	U	0.9	U	0.91	U	0.95	U

Table 1A
Summary of Soil Analytical Data - Exterior Locations
26 Clarence Avenue, Buffalo, New York

LOCATION					B-1 6-12"		B-2 6-12"		B-3 4-4.5'		B-4 4-4.5		B-5 3.5-4'		B-6 24-28''		B-7 1-2'	
SAMPLING DATE					10/27/2021		10/27/2021		10/27/2021		10/27/2021		10/27/2021		10/27/2021		10/27/2021	
LAB SAMPLE ID					L2158958-01		L2158958-02		L2158958-03		L2158958-04		L2158958-05		L2158958-06		L2158958-07	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																		
	CasNum	NY-RESC	NY-RESGW	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
4,6-Dinitro-o-cresol	534-52-1			mg/kg	2.7	U	0.48	U	0.54	U	0.48	U	0.48	U	0.49	U	0.51	U
Pentachlorophenol	87-86-5	6.7	0.8	mg/kg	0.83	U	0.15	U	0.16	U	0.15	U	0.15	U	0.15	U	0.16	U
Phenol	108-95-2	500	0.33	mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
2-Methylphenol	95-48-7			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5			mg/kg	1.5	U	0.26	U	0.3	U	0.26	U	0.27	U	0.27	U	0.28	U
2,4,5-Trichlorophenol	95-95-4			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
Benzoic Acid	65-85-0			mg/kg	3.4	U	0.59	U	0.67	U	0.59	U	0.6	U	0.61	U	0.64	U
Benzyl Alcohol	100-51-6			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.2	U
Carbazole	86-74-8			mg/kg	1	U	0.18	U	0.21	U	0.18	U	0.19	U	0.19	U	0.098	J
1,4-Dioxane	123-91-1	130	0.1	mg/kg	0.16	U	0.027	U	0.031	U	0.028	U	0.028	U	0.028	U	0.03	U
Total Metals																		
Arsenic, Total	7440-38-2	16	16	mg/kg	5.21		1.4	J	6.3		2.83		3.28		9.6		5.18	
Barium, Total	7440-39-3	400	820	mg/kg	127		119		30.2		15.5		51.6		20.1		66	
Beryllium, Total	7440-41-7	590	47	mg/kg	3.84		5.16		0.261		0.103	J	0.396	J	0.22		0.435	
Cadmium, Total	7440-43-9	9.3	7.5	mg/kg	0.397	J	2.2	U	0.266	J	0.22	J	0.374	J	0.198	J	0.65	
Chromium, Total	7440-47-3			mg/kg	11.6		6.57		6.78		3.67		13.7		3.88		10.3	
Copper, Total	7440-50-8	270	1720	mg/kg	12.6		2.48		17.7		5.22		23.4		10.8		23.7	
Lead, Total	7439-92-1	1,000	450	mg/kg	44.2		2.86	J	13.3		18.7		9.07	J	20.2		46.4	
Manganese, Total	7439-96-5	10,000	2000	mg/kg	1160		1250		132		157		205		57.7		432	
Mercury, Total	7439-97-6	2.8	0.73	mg/kg	0.08	U	0.073	U	0.091	U	0.081	U	0.076	U	0.075	U	0.058	J
Nickel, Total	7440-02-0	310	130	mg/kg	8.78		1.52	J	11.2		4.81		16.2		8.25		10.9	
Selenium, Total	7782-49-2	1,500	4	mg/kg	2.4	J	3.01	J	0.429	J	0.13	J	4.4	U	0.73	J	0.372	J
Silver, Total	7440-22-4	1,500	8.3	mg/kg	2.48	U	2.2	U	0.493	U	0.448	U	2.2	U	0.44	U	0.448	U
Zinc, Total	7440-66-6	10,000	2,480	mg/kg	51.2		5.88	J	27		95.7		67.4		28.9		81.4	
Volatile Organics by EPA 5035																		
Methylene chloride	75-09-2	500	0.05	mg/kg	0.0055	U	0.0067	U	0.0092	U	0.0066	U	0.004	U	0.38	U	0.0056	U
1,1-Dichloroethane	75-34-3	240	0.27	mg/kg	0.13		0.0011	J	0.052		0.11		0.009		1.3		0.0011	U
Chloroform	67-66-3	350	0.37	mg/kg	0.0016	U	0.002	U	0.0028	U	0.002	U	0.0012	U	0.11	U	0.00017	J
Carbon tetrachloride	56-23-5	22	0.76	mg/kg	0.0011	U	0.0013	U	0.0018	U	0.0013	U	0.00079	U	0.076	U	0.0011	U
1,2-Dichloropropane	78-87-5			mg/kg	0.0011	U	0.0013	U	0.0018	U	0.0013	U	0.00079	U	0.076	U	0.0011	U
Dibromochloromethane	124-48-1			mg/kg	0.0011	U	0.0013	U	0.0018	U	0.0013	U	0.00079	U	0.076	U	0.0011	U
1,1,2-Trichloroethane	79-00-5			mg/kg	0.0011	U	0.0013	U	0.0018	U	0.0013	U	0.00079	U	0.076	U	0.0011	U
Tetrachloroethene	127-18-4	150	1.3	mg/kg	0.011		0.0017		0.0039		0.016		0.0018		2		0.00053	J
Chlorobenzene	108-90-7	500	1.1	mg/kg	0.00055	U	0.00067	U	0.00092	U	0.00066	U	0.0004	U	0.038	U	0.00056	U
Trichlorofluoromethane	75-69-4			mg/kg	0.0044	U	0.0053	U	0.0074	U	0.0053	U	0.0032	U	0.3	U	0.0045	U
1,2-Dichloroethane	107-06-2	30	0.02	mg/kg	0.00091	J	0.0013	U	0.00097	J	0.0028		0.00079	U	0.076	U	0.0011	U
1,1,1-Trichloroethane	71-55-6	500	0.68	mg/kg	0.021		0.0018		0.0099		0.3		0.043		1.3		0.00056	U
Bromodichloromethane	75-27-4			mg/kg	0.00055	U	0.00067	U	0.00092	U	0.00066	U	0.0004	U	0.038	U	0.00056	U
trans-1,3-Dichloropropene	10061-02-6			mg/kg	0.0011	U	0.0013	U	0.0018	U	0.0013	U	0.00079	U	0.076	U	0.0011	U
cis-1,3-Dichloropropene	10061-01-5			mg/kg	0.00055	U	0.00067	U	0.00092	U	0.00066	U	0.0004	U	0.038	U	0.00056	U
1,3-Dichloropropene, Total	542-75-6			mg/kg	0.00055	U	0.00067	U	0.00092	U	0.00066	U	0.0004	U	0.038	U	0.00056	U
1,1-Dichloropropene	563-58-6			mg/kg	0.00055	U	0.00067	U	0.00092	U	0.00066	U	0.0004	U	0.038	U	0.00056	U
Bromoform	75-25-2			mg/kg	0.0044	U	0.0053	U	0.0074	U	0.0053	U	0.0032	U	0.3	U	0.0045	U
1,1,2,2-Tetrachloroethane	79-34-5			mg/kg	0.00055	U	0.00067	U	0.00092	U	0.00066	U	0.0004	U	0.038	U	0.00056	U
Benzene	71-43-2	44	0.06	mg/kg	0.00039	J	0.00067	U	0.00031	J	0.00085		0.0006		0.038	U	0.00056	U
Toluene	108-88-3	500	0.7	mg/kg	0.001	J	0.0013	U	0.0018	U	0.0014		0.0017		0.076	U	0.0011	U
Ethylbenzene	100-41-4	390	1	mg/kg	0.00072	J	0.0013	U	0.0018	U	0.00061	J	0.00029	J	0.036	J	0.0011	U
Chloromethane	74-87-3			mg/kg	0.0044	U	0.0053	U	0.0074	U	0.0053	U	0.0032	U	0.3	U	0.0045	U
Bromomethane	74-83-9			mg/kg	0.0022	U	0.0027	U	0.0037	U	0.0026	U	0.0016	U	0.15	U	0.0022	U
Vinyl chloride	75-01-4	13	0.02	mg/kg	0.00067	J	0.0013	U	0.0052		0.0012	J	0.00079	U	0.3		0.0011	U
Chloroethane	75-00-3			mg/kg	0.015		0.0027	U	0.016		0.55	E	0.0016	U	0.15	U	0.0022	U
1,1-Dichloroethene	75-35-4	500	0.33	mg/kg	0.00036	J	0.0013	U	0.0062		0.0032		0.00063	J	0.37		0.0011	U
trans-1,2-Dichloroethene	156-60-5	500	0.19	mg/kg	0.0016		0.002	U	0.0012	J	0.00065	J	0.0012	U	0.38		0.0017	U
Trichloroethene	79-01-6	200	0.47	mg/kg	0.0072		0.00067	U	0.0086		0.015		0.0007		3.2		0.00056	U
1,2-Dichlorobenzene	95-50-1	500	1.1	mg/kg	0.0022	U	0.0027	U	0.0037	U	0.0026	U	0.0016	U	0.15	U	0.0022	U
1,3-Dichlorobenzene	541-73-1	280	2.4	mg/kg	0.0022	U	0.0027	U	0.0037	U	0.0026	U	0.0016	U	0.15	U	0.0022	U
1,4-Dichlorobenzene	106-46-7	130	1.8	mg/kg	0.0022	U	0.0027	U	0.0037	U	0.0026	U	0.0016	U	0.15	U	0.0022	U
Methyl tert butyl ether	1634-04-4	500	0.93	mg/kg	0.0022	U	0.0027	U	0.0037	U	0.0026	U	0.0016	U	0.15	U	0.0022	U
p/m-Xylene	179601-23-1			mg/kg	0.00097	J	0.0027	U	0.0037	U	0.0022	J	0.0016		0.046	J	0.0022	U
o-Xylene	95-47-6			mg/kg	0.00086	J	0.0013	U	0.0018	U	0.0012	J	0.00052	J	0.045	J	0.0011	U
Xylenes, Total	1330-20-7	500	1.6	mg/kg	0.0018	J	0.0013	U	0.0018	U	0.0034	J	0.0021	J	0.091	J	0.0011	U
cis-1,2-Dichloroethene	156-59-2	500	0.25	mg/kg	0.001	J	0.0013	U	0.014		0.0013	U	0.00021	J	3.6		0.0011	U
1,2-Dichloroethene, Total	540-59-0			mg/kg	0.0026	J	0.0013	U	0.015	J	0.00065	J	0.00021	J	4		0.0011	U
Dibromomethane	74-95-3			mg/kg	0.0022	U	0.0027	U	0.0037	U	0.0026	U	0.0016	U	0.15	U	0.0022	U

Table 1A
Summary of Soil Analytical Data - Exterior Locations
26 Clarence Avenue, Buffalo, New York

LOCATION					B-1 6-12"		B-2 6-12"		B-3 4-4.5'		B-4 4-4.5		B-5 3.5-4'		B-6 24-28''		B-7 1-2'	
SAMPLING DATE					10/27/2021		10/27/2021		10/27/2021		10/27/2021		10/27/2021		10/27/2021		10/27/2021	
LAB SAMPLE ID					L2158958-01		L2158958-02		L2158958-03		L2158958-04		L2158958-05		L2158958-06		L2158958-07	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																		
	CasNum	NY-RESC	NY-RESGW	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Styrene	100-42-5			mg/kg	0.0011	U	0.0013	U	0.0018	U	0.0013	U	0.00079	U	0.076	U	0.0011	U
Dichlorodifluoromethane	75-71-8			mg/kg	0.011	U	0.013	U	0.018	U	0.013	U	0.0079	U	0.76	U	0.011	U
Acetone	67-64-1	500	0.05	mg/kg	0.012		0.013	U	0.01	J	0.024		0.022		0.76	U	0.011	U
Carbon disulfide	75-15-0			mg/kg	0.011	U	0.013	U	0.036		0.013	U	0.0079	U	0.76	U	0.011	U
2-Butanone (MEK)	78-93-3	500	0.12	mg/kg	0.011	U	0.013	U	0.018	U	0.013	U	0.0053	J	0.76	U	0.011	U
Vinyl acetate	108-05-4			mg/kg	0.011	U	0.013	U	0.018	U	0.013	U	0.0079	U	0.76	U	0.011	U
4-Methyl-2-pentanone	108-10-1			mg/kg	0.011	U	0.013	U	0.018	U	0.013	U	0.0079	U	0.76	U	0.011	U
1,2,3-Trichloropropane	96-18-4			mg/kg	0.0022	U	0.0027	U	0.0037	U	0.0026	U	0.0016	U	0.15	U	0.0022	U
2-Hexanone	591-78-6			mg/kg	0.011	U	0.013	U	0.018	U	0.013	U	0.0079	U	0.76	U	0.011	U
Bromochloromethane	74-97-5			mg/kg	0.0022	U	0.0027	U	0.0037	U	0.0026	U	0.0016	U	0.15	U	0.0022	U
2,2-Dichloropropane	594-20-7			mg/kg	0.0022	U	0.0027	U	0.0037	U	0.0026	U	0.0016	U	0.15	U	0.0022	U
1,2-Dibromoethane	106-93-4			mg/kg	0.0011	U	0.0013	U	0.0018	U	0.0013	U	0.00079	U	0.076	U	0.0011	U
1,3-Dichloropropane	142-28-9			mg/kg	0.0022	U	0.0027	U	0.0037	U	0.0026	U	0.0016	U	0.15	U	0.0022	U
1,1,1,2-Tetrachloroethane	630-20-6			mg/kg	0.00055	U	0.00067	U	0.00092	U	0.00066	U	0.0004	U	0.038	U	0.00056	U
Bromobenzene	108-86-1			mg/kg	0.0022	U	0.0027	U	0.0037	U	0.0026	U	0.0016	U	0.15	U	0.0022	U
n-Butylbenzene	104-51-8	500	12	mg/kg	0.0011	U	0.0013	U	0.0018	U	0.0049		0.00079	U	0.12		0.0011	U
sec-Butylbenzene	135-98-8	500	11	mg/kg	0.0011	U	0.0013	U	0.00054	J	0.0042		0.00013	J	0.12		0.0011	U
tert-Butylbenzene	98-06-6	500	5.9	mg/kg	0.0022	U	0.0027	U	0.0037	U	0.0026	U	0.0016	U	0.15	U	0.0022	U
o-Chlorotoluene	95-49-8			mg/kg	0.00038	J	0.0027	U	0.0037	U	0.0026	U	0.0016	U	0.15	U	0.0022	U
p-Chlorotoluene	106-43-4			mg/kg	0.0022	U	0.0027	U	0.0037	U	0.0026	U	0.0016	U	0.15	U	0.0022	U
1,2-Dibromo-3-chloropropane	96-12-8			mg/kg	0.0033	U	0.004	U	0.0055	U	0.004	U	0.0024	U	0.23	U	0.0034	U
Hexachlorobutadiene	87-68-3			mg/kg	0.0044	U	0.0053	U	0.0074	U	0.0053	U	0.0032	U	0.3	U	0.0045	U
Isopropylbenzene	98-82-8			mg/kg	0.00015	J	0.0013	U	0.0018	U	0.0012	J	0.00079	U	0.035	J	0.0011	U
p-Isopropyltoluene	99-87-6			mg/kg	0.0011	U	0.0013	U	0.00049	J	0.0023		0.00079	U	0.45		0.0011	U
Naphthalene	91-20-3	500	12	mg/kg	0.0044	U	0.0053	U	0.0074	U	0.0014	J	0.0032	U	0.29	J	0.0045	U
Acrylonitrile	107-13-1			mg/kg	0.0044	U	0.0053	U	0.0074	U	0.0053	U	0.0032	U	0.3	U	0.0045	U
n-Propylbenzene	103-65-1	500	3.9	mg/kg	0.00026	J	0.0013	U	0.0018	U	0.0013	U	0.00017	J	0.073	J	0.0011	U
1,2,3-Trichlorobenzene	87-61-6			mg/kg	0.0022	U	0.0027	U	0.0037	U	0.0026	U	0.0016	U	0.15	U	0.0022	U
1,2,4-Trichlorobenzene	120-82-1			mg/kg	0.0022	U	0.0027	U	0.0037	U	0.0026	U	0.0016	U	0.15	U	0.0022	U
1,3,5-Trimethylbenzene	108-67-8	190	8.4	mg/kg	0.0022	U	0.0027	U	0.0037	U	0.0044		0.00049	J	0.064	J	0.0022	U
1,2,4-Trimethylbenzene	95-63-6	190	3.6	mg/kg	0.0022	U	0.0027	U	0.00076	J	0.0093		0.00089	J	0.27		0.0022	U
1,4-Dioxane	123-91-1	130	0.1	mg/kg	0.088	U	0.11	U	0.07	J	0.11	U	0.064	U	6.1	U	0.09	U
p-Diethylbenzene	105-05-5			mg/kg	0.0022	U	0.0027	U	0.0037	U	0.0021	J	0.0016	U	0.062	J	0.0022	U
p-Ethyltoluene	622-96-8			mg/kg	0.0022	U	0.0027	U	0.0037	U	0.0055		0.0016	U	0.081	J	0.0022	U
1,2,4,5-Tetramethylbenzene	95-93-2			mg/kg	0.0022	U	0.0027	U	0.00038	J	0.0028		0.0016	U	0.28		0.0022	U
Ethyl ether	60-29-7			mg/kg	0.0022	U	0.0027	U	0.0037	U	0.0026	U	0.0016	U	0.15	U	0.0022	U
trans-1,4-Dichloro-2-butene	110-57-6			mg/kg	0.0055	U	0.0067	U	0.0092	U	0.0066	U	0.004	U	0.38	U	0.0056	U
Volatile Organics by EPA 5035 High																		
Methylene chloride	75-09-2	500	0.05	mg/kg	-	-	-	-	-	-	0.23	U	-	-	-	-	-	-
1,1-Dichloroethane	75-34-3	240	0.27	mg/kg	-	-	-	-	-	-	0.18		-	-	-	-	-	-
Chloroform	67-66-3	350	0.37	mg/kg	-	-	-	-	-	-	0.07	U	-	-	-	-	-	-
Carbon tetrachloride	56-23-5	22	0.76	mg/kg	-	-	-	-	-	-	0.046	U	-	-	-	-	-	-
1,2-Dichloropropane	78-87-5			mg/kg	-	-	-	-	-	-	0.046	U	-	-	-	-	-	-
Dibromochloromethane	124-48-1			mg/kg	-	-	-	-	-	-	0.046	U	-	-	-	-	-	-
1,1,2-Trichloroethane	79-00-5			mg/kg	-	-	-	-	-	-	0.046	U	-	-	-	-	-	-
Tetrachloroethene	127-18-4	150	1.3	mg/kg	-	-	-	-	-	-	0.041		-	-	-	-	-	-
Chlorobenzene	108-90-7	500	1.1	mg/kg	-	-	-	-	-	-	0.023	U	-	-	-	-	-	-
Trichlorofluoromethane	75-69-4			mg/kg	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-
1,2-Dichloroethane	107-06-2	30	0.02	mg/kg	-	-	-	-	-	-	0.046	U	-	-	-	-	-	-
1,1,1-Trichloroethane	71-55-6	500	0.68	mg/kg	-	-	-	-	-	-	0.59		-	-	-	-	-	-
Bromodichloromethane	75-27-4			mg/kg	-	-	-	-	-	-	0.023	U	-	-	-	-	-	-
trans-1,3-Dichloropropene	10061-02-6			mg/kg	-	-	-	-	-	-	0.046	U	-	-	-	-	-	-
cis-1,3-Dichloropropene	10061-01-5			mg/kg	-	-	-	-	-	-	0.023	U	-	-	-	-	-	-
1,3-Dichloropropene, Total	542-75-6			mg/kg	-	-	-	-	-	-	0.023	U	-	-	-	-	-	-
1,1-Dichloropropene	563-58-6			mg/kg	-	-	-	-	-	-	0.023	U	-	-	-	-	-	-
Bromoform	75-25-2			mg/kg	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	79-34-5			mg/kg	-	-	-	-	-	-	0.023	U	-	-	-	-	-	-
Benzene	71-43-2	44	0.06	mg/kg	-	-	-	-	-	-	0.023	U	-	-	-	-	-	-
Toluene	108-88-3	500	0.7	mg/kg	-	-	-	-	-	-	0.046	U	-	-	-	-	-	-
Ethylbenzene	100-41-4	390	1	mg/kg	-	-	-	-	-	-	0.046	U	-	-	-	-	-	-
Chloromethane	74-87-3			mg/kg	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-
Bromomethane	74-83-9			mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
Vinyl chloride	75-01-4	13	0.02	mg/kg	-	-	-	-	-	-	0.046	U	-	-	-	-	-	-
Chloroethane	75-00-3			mg/kg	-	-	-	-	-	-	0.4		-	-	-	-	-	-

Table 1A
Summary of Soil Analytical Data - Exterior Locations
26 Clarence Avenue, Buffalo, New York

LOCATION					B-1 6-12"		B-2 6-12"		B-3 4-4.5'		B-4 4-4.5		B-5 3.5-4'		B-6 24-28''		B-7 1-2'	
SAMPLING DATE					10/27/2021		10/27/2021		10/27/2021		10/27/2021		10/27/2021		10/27/2021		10/27/2021	
LAB SAMPLE ID					L2158958-01		L2158958-02		L2158958-03		L2158958-04		L2158958-05		L2158958-06		L2158958-07	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																		
	CasNum	NY-RESC	NY-RESGW	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1-Dichloroethene	75-35-4	500	0.33	mg/kg	-	-	-	-	-	-	0.046	U	-	-	-	-	-	-
trans-1,2-Dichloroethene	156-60-5	500	0.19	mg/kg	-	-	-	-	-	-	0.07	U	-	-	-	-	-	-
Trichloroethene	79-01-6	200	0.47	mg/kg	-	-	-	-	-	-	0.038		-	-	-	-	-	-
1,2-Dichlorobenzene	95-50-1	500	1.1	mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
1,3-Dichlorobenzene	541-73-1	280	2.4	mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
1,4-Dichlorobenzene	106-46-7	130	1.8	mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
Methyl tert butyl ether	1634-04-4	500	0.93	mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
p/m-Xylene	179601-23-1			mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
o-Xylene	95-47-6			mg/kg	-	-	-	-	-	-	0.046	U	-	-	-	-	-	-
Xylenes, Total	1330-20-7	500	1.6	mg/kg	-	-	-	-	-	-	0.046	U	-	-	-	-	-	-
cis-1,2-Dichloroethene	156-59-2	500	0.25	mg/kg	-	-	-	-	-	-	0.046	U	-	-	-	-	-	-
1,2-Dichloroethene, Total	540-59-0			mg/kg	-	-	-	-	-	-	0.046	U	-	-	-	-	-	-
Dibromomethane	74-95-3			mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
Styrene	100-42-5			mg/kg	-	-	-	-	-	-	0.046	U	-	-	-	-	-	-
Dichlorodifluoromethane	75-71-8			mg/kg	-	-	-	-	-	-	0.46	U	-	-	-	-	-	-
Acetone	67-64-1	500	0.05	mg/kg	-	-	-	-	-	-	0.46	U	-	-	-	-	-	-
Carbon disulfide	75-15-0			mg/kg	-	-	-	-	-	-	0.46	U	-	-	-	-	-	-
2-Butanone	78-93-3	500	0.12	mg/kg	-	-	-	-	-	-	0.46	U	-	-	-	-	-	-
Vinyl acetate	108-05-4			mg/kg	-	-	-	-	-	-	0.46	U	-	-	-	-	-	-
4-Methyl-2-pentanone	108-10-1			mg/kg	-	-	-	-	-	-	0.46	U	-	-	-	-	-	-
1,2,3-Trichloropropane	96-18-4			mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
2-Hexanone	591-78-6			mg/kg	-	-	-	-	-	-	0.46	U	-	-	-	-	-	-
Bromochloromethane	74-97-5			mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
2,2-Dichloropropane	594-20-7			mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
1,2-Dibromoethane	106-93-4			mg/kg	-	-	-	-	-	-	0.046	U	-	-	-	-	-	-
1,3-Dichloropropane	142-28-9			mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
1,1,1,2-Tetrachloroethane	630-20-6			mg/kg	-	-	-	-	-	-	0.023	U	-	-	-	-	-	-
Bromobenzene	108-86-1			mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
n-Butylbenzene	104-51-8	500	12	mg/kg	-	-	-	-	-	-	0.016	J	-	-	-	-	-	-
sec-Butylbenzene	135-98-8	500	11	mg/kg	-	-	-	-	-	-	0.011	J	-	-	-	-	-	-
tert-Butylbenzene	98-06-6	500	5.9	mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
o-Chlorotoluene	95-49-8			mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
p-Chlorotoluene	106-43-4			mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane	96-12-8			mg/kg	-	-	-	-	-	-	0.14	U	-	-	-	-	-	-
Hexachlorobutadiene	87-68-3			mg/kg	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-
Isopropylbenzene	98-82-8			mg/kg	-	-	-	-	-	-	0.046	U	-	-	-	-	-	-
p-Isopropyltoluene	99-87-6			mg/kg	-	-	-	-	-	-	0.0076	J	-	-	-	-	-	-
Naphthalene	91-20-3	500	12	mg/kg	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-
Acrylonitrile	107-13-1			mg/kg	-	-	-	-	-	-	0.18	U	-	-	-	-	-	-
n-Propylbenzene	103-65-1	500	3.9	mg/kg	-	-	-	-	-	-	0.046	U	-	-	-	-	-	-
1,2,3-Trichlorobenzene	87-61-6			mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1			mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
1,3,5-Trimethylbenzene	108-67-8	190	8.4	mg/kg	-	-	-	-	-	-	0.012	J	-	-	-	-	-	-
1,2,4-Trimethylbenzene	95-63-6	190	3.6	mg/kg	-	-	-	-	-	-	0.027	J	-	-	-	-	-	-
1,4-Dioxane	123-91-1	130	0.1	mg/kg	-	-	-	-	-	-	3.7	U	-	-	-	-	-	-
p-Diethylbenzene	105-05-5			mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
p-Ethyltoluene	622-96-8			mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene	95-93-2			mg/kg	-	-	-	-	-	-	0.01	J	-	-	-	-	-	-
Ethyl ether	60-29-7			mg/kg	-	-	-	-	-	-	0.093	U	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	110-57-6			mg/kg	-	-	-	-	-	-	0.23	U	-	-	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.

Notes:

Not Detected above Laboratory Reporting Limits but Exceeds Regulatory Standard
Exceeds PGWSCO (NY-RESGW)
Exceeds CSCO (NY-RESC)

NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, current through May 15, 2023.
govt.westlaw.com - table 375-6.8(b) - Restricted Use Cleanup Objectives - Commercial Soil Use Cleanup Objectives (CSCOs)
NY-RESGW: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, current through May 15, 2023.
govt.westlaw.com - table 375-6.8(b) - Restricted Use Cleanup Objectives - Protection of Groundwater Soil Cleanup Objectives (PGWSCOs)

Table 1A
Summary of Soil Analytical Data - Exterior Locations
26 Clarence Avenue, Buffalo, New York

	LOCATION					B-8 1.5-2.5'		B-9 1-2'		B-10 2-3'		B-10 2-3'	
	SAMPLING DATE					10/27/2021		10/27/2021		10/27/2021		10/27/2021	
	LAB SAMPLE ID					L2158958-08		L2158958-09		L2158958-10		L2158958-10 R1	
	SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL	
	SAMPLE DEPTH (ft.)												
		CasNum	NY-RESC	NY-RESGW	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry													
	Solids, Total	NONE			%	83.1		80		82.6		-	-
	Cyanide, Total	57-12-5	27	40	mg/kg	1.2	U	1.2	U	1.2	U	-	-
Semivolatile Organics by GC/MS													
	Acenaphthene	83-32-9	500	98	mg/kg	0.038	J	0.17	U	3.4		-	-
	1,2,4-Trichlorobenzene	120-82-1			mg/kg	0.2	U	0.21	U	1	U	-	-
	Hexachlorobenzene	118-74-1	6	3.2	mg/kg	0.12	U	0.12	U	0.6	U	-	-
	Bis(2-chloroethyl)ether	111-44-4			mg/kg	0.18	U	0.19	U	0.9	U	-	-
	2-Chloronaphthalene	91-58-7			mg/kg	0.2	U	0.21	U	1	U	-	-
	1,2-Dichlorobenzene	95-50-1	500	1.1	mg/kg	0.2	U	0.21	U	1	U	-	-
	1,3-Dichlorobenzene	541-73-1	280	2.4	mg/kg	0.2	U	0.21	U	1	U	-	-
	1,4-Dichlorobenzene	106-46-7	130	1.8	mg/kg	0.2	U	0.21	U	1	U	-	-
	3,3'-Dichlorobenzidine	91-94-1			mg/kg	0.2	U	0.21	U	1	U	-	-
	2,4-Dinitrotoluene	121-14-2			mg/kg	0.2	U	0.21	U	1	U	-	-
	2,6-Dinitrotoluene	606-20-2			mg/kg	0.2	U	0.21	U	1	U	-	-
	Fluoranthene	206-44-0	500	1,000	mg/kg	0.67		0.12	U	50	E	52	
	4-Chlorophenyl phenyl ether	7005-72-3			mg/kg	0.2	U	0.21	U	1	U	-	-
	4-Bromophenyl phenyl ether	101-55-3			mg/kg	0.2	U	0.21	U	1	U	-	-
	Bis(2-chloroisopropyl)ether	108-60-1			mg/kg	0.24	U	0.25	U	1.2	U	-	-
	Bis(2-chloroethoxy)methane	111-91-1			mg/kg	0.21	U	0.22	U	1.1	U	-	-
	Hexachlorobutadiene	87-68-3			mg/kg	0.2	U	0.21	U	1	U	-	-
	Hexachlorocyclopentadiene	77-47-4			mg/kg	0.56	U	0.59	U	2.8	U	-	-
	Hexachloroethane	67-72-1			mg/kg	0.16	U	0.17	U	0.8	U	-	-
	Isophorone	78-59-1			mg/kg	0.18	U	0.19	U	0.9	U	-	-
	Naphthalene	91-20-3	500	12	mg/kg	0.036	J	0.21	U	2.2		-	-
	Nitrobenzene	98-95-3			mg/kg	0.18	U	0.19	U	0.9	U	-	-
	NDPA/DPA	86-30-6			mg/kg	0.16	U	0.17	U	0.8	U	-	-
	n-Nitrosodi-n-propylamine	621-64-7			mg/kg	0.2	U	0.21	U	1	U	-	-
	Bis(2-ethylhexyl)phthalate	117-81-7			mg/kg	0.1	J	0.21	U	1	U	-	-
	Butyl benzyl phthalate	85-68-7			mg/kg	0.2	U	0.21	U	0.68	J	-	-
	Di-n-butylphthalate	84-74-2			mg/kg	0.2	U	0.21	U	1	U	-	-
	Di-n-octylphthalate	117-84-0			mg/kg	0.2	U	0.21	U	1	U	-	-
	Diethyl phthalate	84-66-2			mg/kg	0.2	U	0.21	U	1	U	-	-
	Dimethyl phthalate	131-11-3			mg/kg	0.2	U	0.21	U	1	U	-	-
	Benzo(a)anthracene	56-55-3	5.6	1	mg/kg	0.36		0.12	U	34		-	-
	Benzo(a)pyrene	50-32-8	1	22	mg/kg	0.33		0.17	U	25		-	-
	Benzo(b)fluoranthene	205-99-2	5.6	1.7	mg/kg	0.44		0.12	U	36		-	-
	Benzo(k)fluoranthene	207-08-9	56	1.7	mg/kg	0.14		0.12	U	9.5		-	-
	Chrysene	218-01-9	56	1	mg/kg	0.3		0.12	U	23		-	-
	Acenaphthylene	208-96-8	500	107	mg/kg	0.16	U	0.17	U	2.6		-	-
	Anthracene	120-12-7	500	1000	mg/kg	0.083	J	0.12	U	14		-	-
	Benzo(ghi)perylene	191-24-2	500	1000	mg/kg	0.22		0.17	U	11		-	-
	Fluorene	86-73-7	500	386	mg/kg	0.031	J	0.21	U	6.4		-	-
	Phenanthrene	85-01-8	500	1000	mg/kg	0.35		0.12	U	39		-	-
	Dibenzo(a,h)anthracene	53-70-3	0.56	1000	mg/kg	0.049	J	0.12	U	3.6		-	-
	Indeno(1,2,3-cd)pyrene	193-39-5	5.6	8.2	mg/kg	0.23		0.17	U	14		-	-
	Pyrene	129-00-0	500	1000	mg/kg	0.53		0.12	U	37		-	-
	Biphenyl	92-52-4			mg/kg	0.45	U	0.47	U	0.35	J	-	-
	4-Chloroaniline	106-47-8			mg/kg	0.2	U	0.21	U	1	U	-	-
	2-Nitroaniline	88-74-4			mg/kg	0.2	U	0.21	U	1	U	-	-
	3-Nitroaniline	99-09-2			mg/kg	0.2	U	0.21	U	1	U	-	-
	4-Nitroaniline	100-01-6			mg/kg	0.2	U	0.21	U	1	U	-	-
	Dibenzofuran	132-64-9	350	210	mg/kg	0.021	J	0.21	U	3.4		-	-
	2-Methylnaphthalene	91-57-6			mg/kg	0.24	U	0.25	U	1.4		-	-
	1,2,4,5-Tetrachlorobenzene	95-94-3			mg/kg	0.2	U	0.21	U	1	U	-	-
	Acetophenone	98-86-2			mg/kg	0.2	U	0.21	U	1	U	-	-
	2,4,6-Trichlorophenol	88-06-2			mg/kg	0.12	U	0.12	U	0.6	U	-	-
	p-Chloro-m-cresol	59-50-7			mg/kg	0.2	U	0.21	U	1	U	-	-
	2-Chlorophenol	95-57-8			mg/kg	0.2	U	0.21	U	1	U	-	-
	2,4-Dichlorophenol	120-83-2			mg/kg	0.18	U	0.19	U	0.9	U	-	-
	2,4-Dimethylphenol	105-67-9			mg/kg	0.2	U	0.21	U	1	U	-	-
	2-Nitrophenol	88-75-5			mg/kg	0.43	U	0.45	U	2.2	U	-	-
	4-Nitrophenol	100-02-7			mg/kg	0.28	U	0.29	U	1.4	U	-	-
	2,4-Dinitrophenol	51-28-5			mg/kg	0.95	U	1	U	4.8	U	-	-

Table 1A
Summary of Soil Analytical Data - Exterior Locations
26 Clarence Avenue, Buffalo, New York

	LOCATION					B-8 1.5-2.5'		B-9 1-2'		B-10 2-3'		B-10 2-3'	
	SAMPLING DATE					10/27/2021		10/27/2021		10/27/2021		10/27/2021	
	LAB SAMPLE ID					L2158958-08		L2158958-09		L2158958-10		L2158958-10 R1	
	SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL	
	SAMPLE DEPTH (ft.)												
		CasNum	NY-RESC	NY-RESGW	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
	4,6-Dinitro-o-cresol	534-52-1			mg/kg	0.51	U	0.54	U	2.6	U	-	-
	Pentachlorophenol	87-86-5	6.7	0.8	mg/kg	0.2		0.17	U	0.8	U	-	-
	Phenol	108-95-2	500	0.33	mg/kg	0.2	U	0.21	U	1	U	-	-
	2-Methylphenol	95-48-7			mg/kg	0.2	U	0.21	U	1	U	-	-
	3-Methylphenol/4-Methylphenol	108-39-4/106-44-5			mg/kg	0.28	U	0.3	U	0.21	J	-	-
	2,4,5-Trichlorophenol	95-95-4			mg/kg	0.2	U	0.21	U	1	U	-	-
	Benzoic Acid	65-85-0			mg/kg	0.64	U	0.67	U	3.2	U	-	-
	Benzyl Alcohol	100-51-6			mg/kg	0.2	U	0.21	U	1	U	-	-
	Carbazole	86-74-8			mg/kg	0.055	J	0.21	U	5		-	-
	1,4-Dioxane	123-91-1	130	0.1	mg/kg	0.03	U	0.031	U	0.15	U	-	-
Total Metals													
	Arsenic, Total	7440-38-2	16	16	mg/kg	7.95		7.07		8.29		-	-
	Barium, Total	7440-39-3	400	820	mg/kg	90.3		156		142		-	-
	Beryllium, Total	7440-41-7	590	47	mg/kg	0.424		0.955	J	0.351		-	-
	Cadmium, Total	7440-43-9	9.3	7.5	mg/kg	2.01		1.07	J	0.868		-	-
	Chromium, Total	7440-47-3			mg/kg	12.8		18.7		13.1		-	-
	Copper, Total	7440-50-8	270	1720	mg/kg	32		16.5		25.4		-	-
	Lead, Total	7439-92-1	1,000	450	mg/kg	262		15		1060		-	-
	Manganese, Total	7439-96-5	10,000	2000	mg/kg	309		2490		202		-	-
	Mercury, Total	7439-97-6	2.8	0.73	mg/kg	0.103		0.087	U	0.13		-	-
	Nickel, Total	7440-02-0	310	130	mg/kg	13.3		34		11		-	-
	Selenium, Total	7782-49-2	1,500	4	mg/kg	0.349	J	1.14	J	0.476	J	-	-
	Silver, Total	7440-22-4	1,500	8.3	mg/kg	0.349	J	2.39	U	0.462	U	-	-
	Zinc, Total	7440-66-6	10,000	2,480	mg/kg	408		54.9		268		-	-
Volatile Organics by EPA 5035													
	Methylene chloride	75-09-2	500	0.05	mg/kg	0.0073	U	0.0051	U	1.3	U	-	-
	1,1-Dichloroethane	75-34-3	240	0.27	mg/kg	0.0015	U	0.001	U	0.32		-	-
	Chloroform	67-66-3	350	0.37	mg/kg	0.0022	U	0.0015	U	0.082	J	-	-
	Carbon tetrachloride	56-23-5	22	0.76	mg/kg	0.0015	U	0.001	U	0.26	U	-	-
	1,2-Dichloropropane	78-87-5			mg/kg	0.0015	U	0.001	U	0.26	U	-	-
	Dibromochloromethane	124-48-1			mg/kg	0.0015	U	0.001	U	0.26	U	-	-
	1,1,2-Trichloroethane	79-00-5			mg/kg	0.0015	U	0.001	U	0.26	U	-	-
	Tetrachloroethene	127-18-4	150	1.3	mg/kg	0.00073	U	0.016		110		110	E
	Chlorobenzene	108-90-7	500	1.1	mg/kg	0.00073	U	0.00051	U	0.13	U	-	-
	Trichlorofluoromethane	75-69-4			mg/kg	0.0059	U	0.0041	U	1	U	-	-
	1,2-Dichloroethane	107-06-2	30	0.02	mg/kg	0.0015	U	0.001	U	0.26	U	-	-
	1,1,1-Trichloroethane	71-55-6	500	0.68	mg/kg	0.00073	U	0.00051	U	5.3		-	-
	Bromodichloromethane	75-27-4			mg/kg	0.00073	U	0.00051	U	0.13	U	-	-
	trans-1,3-Dichloropropene	10061-02-6			mg/kg	0.0015	U	0.001	U	0.26	U	-	-
	cis-1,3-Dichloropropene	10061-01-5			mg/kg	0.00073	U	0.00051	U	0.13	U	-	-
	1,3-Dichloropropene, Total	542-75-6			mg/kg	0.00073	U	0.00051	U	0.13	U	-	-
	1,1-Dichloropropene	563-58-6			mg/kg	0.00073	U	0.00051	U	0.13	U	-	-
	Bromoform	75-25-2			mg/kg	0.0059	U	0.0041	U	1	U	-	-
	1,1,2,2-Tetrachloroethane	79-34-5			mg/kg	0.00073	U	0.00051	U	0.13	U	-	-
	Benzene	71-43-2	44	0.06	mg/kg	0.00073	U	0.00051	U	0.13	U	-	-
	Toluene	108-88-3	500	0.7	mg/kg	0.0014	J	0.0012		0.26	U	-	-
	Ethylbenzene	100-41-4	390	1	mg/kg	0.0015	U	0.001	U	0.26	U	-	-
	Chloromethane	74-87-3			mg/kg	0.0059	U	0.0041	U	1	U	-	-
	Bromomethane	74-83-9			mg/kg	0.0029	U	0.002	U	0.51	U	-	-
	Vinyl chloride	75-01-4	13	0.02	mg/kg	0.0015	U	0.001	U	0.26	U	-	-
	Chloroethane	75-00-3			mg/kg	0.0029	U	0.002	U	0.51	U	-	-
	1,1-Dichloroethene	75-35-4	500	0.33	mg/kg	0.0015	U	0.001	U	0.26	U	-	-
	trans-1,2-Dichloroethene	156-60-5	500	0.19	mg/kg	0.0022	U	0.0015	U	0.65		-	-
	Trichloroethene	79-01-6	200	0.47	mg/kg	0.00073	U	0.00015	J	19		-	-
	1,2-Dichlorobenzene	95-50-1	500	1.1	mg/kg	0.0029	U	0.002	U	0.51	U	-	-
	1,3-Dichlorobenzene	541-73-1	280	2.4	mg/kg	0.0029	U	0.002	U	0.51	U	-	-
	1,4-Dichlorobenzene	106-46-7	130	1.8	mg/kg	0.0029	U	0.002	U	0.51	U	-	-
	Methyl tert butyl ether	1634-04-4	500	0.93	mg/kg	0.0029	U	0.002	U	0.51	U	-	-
	p/m-Xylene	179601-23-1			mg/kg	0.0029	U	0.002	U	0.51	U	-	-
	o-Xylene	95-47-6			mg/kg	0.0015	U	0.001	U	0.26	U	-	-
	Xylenes, Total	1330-20-7	500	1.6	mg/kg	0.0015	U	0.001	U	0.26	U	-	-
	cis-1,2-Dichloroethene	156-59-2	500	0.25	mg/kg	0.0015	U	0.001	U	15		-	-
	1,2-Dichloroethene, Total	540-59-0			mg/kg	0.0015	U	0.001	U	16		-	-
	Dibromomethane	74-95-3			mg/kg	0.0029	U	0.002	U	0.51	U	-	-

Table 1A
Summary of Soil Analytical Data - Exterior Locations
26 Clarence Avenue, Buffalo, New York

LOCATION					B-8 1.5-2.5'		B-9 1-2'		B-10 2-3'		B-10 2-3'	
SAMPLING DATE					10/27/2021		10/27/2021		10/27/2021		10/27/2021	
LAB SAMPLE ID					L2158958-08		L2158958-09		L2158958-10		L2158958-10 R1	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)												
	CasNum	NY-RESC	NY-RESGW	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Styrene	100-42-5			mg/kg	0.0015	U	0.001	U	0.26	U	-	-
Dichlorodifluoromethane	75-71-8			mg/kg	0.015	U	0.01	U	2.6	U	-	-
Acetone	67-64-1	500	0.05	mg/kg	0.015	U	0.01	U	2.6	U	-	-
Carbon disulfide	75-15-0			mg/kg	0.015	U	0.01	U	2.6	U	-	-
2-Butanone (MEK)	78-93-3	500	0.12	mg/kg	0.015	U	0.01	U	2.6	U	-	-
Vinyl acetate	108-05-4			mg/kg	0.015	U	0.01	U	2.6	U	-	-
4-Methyl-2-pentanone	108-10-1			mg/kg	0.015	U	0.01	U	2.6	U	-	-
1,2,3-Trichloropropane	96-18-4			mg/kg	0.0029	U	0.002	U	0.51	U	-	-
2-Hexanone	591-78-6			mg/kg	0.015	U	0.01	U	2.6	U	-	-
Bromochloromethane	74-97-5			mg/kg	0.0029	U	0.002	U	0.51	U	-	-
2,2-Dichloropropane	594-20-7			mg/kg	0.0029	U	0.002	U	0.51	U	-	-
1,2-Dibromoethane	106-93-4			mg/kg	0.0015	U	0.001	U	0.26	U	-	-
1,3-Dichloropropane	142-28-9			mg/kg	0.0029	U	0.002	U	0.51	U	-	-
1,1,1,2-Tetrachloroethane	630-20-6			mg/kg	0.00073	U	0.00051	U	0.13	U	-	-
Bromobenzene	108-86-1			mg/kg	0.0029	U	0.002	U	0.51	U	-	-
n-Butylbenzene	104-51-8	500	12	mg/kg	0.0015	U	0.001	U	0.26	U	-	-
sec-Butylbenzene	135-98-8	500	11	mg/kg	0.0015	U	0.001	U	0.26	U	-	-
tert-Butylbenzene	98-06-6	500	5.9	mg/kg	0.0029	U	0.002	U	0.51	U	-	-
o-Chlorotoluene	95-49-8			mg/kg	0.0029	U	0.002	U	0.51	U	-	-
p-Chlorotoluene	106-43-4			mg/kg	0.0029	U	0.002	U	0.51	U	-	-
1,2-Dibromo-3-chloropropane	96-12-8			mg/kg	0.0044	U	0.0031	U	0.77	U	-	-
Hexachlorobutadiene	87-68-3			mg/kg	0.0059	U	0.0041	U	1	U	-	-
Isopropylbenzene	98-82-8			mg/kg	0.0015	U	0.001	U	0.26	U	-	-
p-Isopropyltoluene	99-87-6			mg/kg	0.0015	U	0.001	U	0.26	U	-	-
Naphthalene	91-20-3	500	12	mg/kg	0.0059	U	0.0041	U	0.94	J	-	-
Acrylonitrile	107-13-1			mg/kg	0.0059	U	0.0041	U	1	U	-	-
n-Propylbenzene	103-65-1	500	3.9	mg/kg	0.0015	U	0.001	U	0.26	U	-	-
1,2,3-Trichlorobenzene	87-61-6			mg/kg	0.0029	U	0.002	U	0.51	U	-	-
1,2,4-Trichlorobenzene	120-82-1			mg/kg	0.0029	U	0.002	U	0.51	U	-	-
1,3,5-Trimethylbenzene	108-67-8	190	8.4	mg/kg	0.0029	U	0.002	U	0.51	U	-	-
1,2,4-Trimethylbenzene	95-63-6	190	3.6	mg/kg	0.0029	U	0.002	U	0.51	U	-	-
1,4-Dioxane	123-91-1	130	0.1	mg/kg	0.12	U	0.082	U	20	U	-	-
p-Diethylbenzene	105-05-5			mg/kg	0.0029	U	0.002	U	0.51	U	-	-
p-Ethyltoluene	622-96-8			mg/kg	0.0029	U	0.002	U	0.51	U	-	-
1,2,4,5-Tetramethylbenzene	95-93-2			mg/kg	0.0029	U	0.002	U	0.51	U	-	-
Ethyl ether	60-29-7			mg/kg	0.0029	U	0.002	U	0.51	U	-	-
trans-1,4-Dichloro-2-butene	110-57-6			mg/kg	0.0073	U	0.0051	U	1.3	U	-	-
Volatile Organics by EPA 5035 High												
Methylene chloride	75-09-2	500	0.05	mg/kg	-	-	-	-	-	-	-	-
1,1-Dichloroethane	75-34-3	240	0.27	mg/kg	-	-	-	-	-	-	-	-
Chloroform	67-66-3	350	0.37	mg/kg	-	-	-	-	-	-	-	-
Carbon tetrachloride	56-23-5	22	0.76	mg/kg	-	-	-	-	-	-	-	-
1,2-Dichloropropane	78-87-5			mg/kg	-	-	-	-	-	-	-	-
Dibromochloromethane	124-48-1			mg/kg	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	79-00-5			mg/kg	-	-	-	-	-	-	-	-
Tetrachloroethene	127-18-4	150	1.3	mg/kg	-	-	-	-	-	-	-	-
Chlorobenzene	108-90-7	500	1.1	mg/kg	-	-	-	-	-	-	-	-
Trichlorofluoromethane	75-69-4			mg/kg	-	-	-	-	-	-	-	-
1,2-Dichloroethane	107-06-2	30	0.02	mg/kg	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	71-55-6	500	0.68	mg/kg	-	-	-	-	-	-	-	-
Bromodichloromethane	75-27-4			mg/kg	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	10061-02-6			mg/kg	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	10061-01-5			mg/kg	-	-	-	-	-	-	-	-
1,3-Dichloropropene, Total	542-75-6			mg/kg	-	-	-	-	-	-	-	-
1,1-Dichloropropene	563-58-6			mg/kg	-	-	-	-	-	-	-	-
Bromoform	75-25-2			mg/kg	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	79-34-5			mg/kg	-	-	-	-	-	-	-	-
Benzene	71-43-2	44	0.06	mg/kg	-	-	-	-	-	-	-	-
Toluene	108-88-3	500	0.7	mg/kg	-	-	-	-	-	-	-	-
Ethylbenzene	100-41-4	390	1	mg/kg	-	-	-	-	-	-	-	-
Chloromethane	74-87-3			mg/kg	-	-	-	-	-	-	-	-
Bromomethane	74-83-9			mg/kg	-	-	-	-	-	-	-	-
Vinyl chloride	75-01-4	13	0.02	mg/kg	-	-	-	-	-	-	-	-
Chloroethane	75-00-3			mg/kg	-	-	-	-	-	-	-	-

Table 1A
Summary of Soil Analytical Data - Exterior Locations
26 Clarence Avenue, Buffalo, New York

	LOCATION					B-8 1.5-2.5'		B-9 1-2'		B-10 2-3'		B-10 2-3'	
	SAMPLING DATE					10/27/2021		10/27/2021		10/27/2021		10/27/2021	
	LAB SAMPLE ID					L2158958-08		L2158958-09		L2158958-10		L2158958-10 R1	
	SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL	
	SAMPLE DEPTH (ft.)												
		CasNum	NY-RESC	NY-RESGW	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
	1,1-Dichloroethene	75-35-4	500	0.33	mg/kg	-	-	-	-	-	-	-	-
	trans-1,2-Dichloroethene	156-60-5	500	0.19	mg/kg	-	-	-	-	-	-	-	-
	Trichloroethene	79-01-6	200	0.47	mg/kg	-	-	-	-	-	-	-	-
	1,2-Dichlorobenzene	95-50-1	500	1.1	mg/kg	-	-	-	-	-	-	-	-
	1,3-Dichlorobenzene	541-73-1	280	2.4	mg/kg	-	-	-	-	-	-	-	-
	1,4-Dichlorobenzene	106-46-7	130	1.8	mg/kg	-	-	-	-	-	-	-	-
	Methyl tert butyl ether	1634-04-4	500	0.93	mg/kg	-	-	-	-	-	-	-	-
	p/m-Xylene	179601-23-1			mg/kg	-	-	-	-	-	-	-	-
	o-Xylene	95-47-6			mg/kg	-	-	-	-	-	-	-	-
	Xylenes, Total	1330-20-7	500	1.6	mg/kg	-	-	-	-	-	-	-	-
	cis-1,2-Dichloroethene	156-59-2	500	0.25	mg/kg	-	-	-	-	-	-	-	-
	1,2-Dichloroethene, Total	540-59-0			mg/kg	-	-	-	-	-	-	-	-
	Dibromomethane	74-95-3			mg/kg	-	-	-	-	-	-	-	-
	Styrene	100-42-5			mg/kg	-	-	-	-	-	-	-	-
	Dichlorodifluoromethane	75-71-8			mg/kg	-	-	-	-	-	-	-	-
	Acetone	67-64-1	500	0.05	mg/kg	-	-	-	-	-	-	-	-
	Carbon disulfide	75-15-0			mg/kg	-	-	-	-	-	-	-	-
	2-Butanone	78-93-3	500	0.12	mg/kg	-	-	-	-	-	-	-	-
	Vinyl acetate	108-05-4			mg/kg	-	-	-	-	-	-	-	-
	4-Methyl-2-pentanone	108-10-1			mg/kg	-	-	-	-	-	-	-	-
	1,2,3-Trichloropropane	96-18-4			mg/kg	-	-	-	-	-	-	-	-
	2-Hexanone	591-78-6			mg/kg	-	-	-	-	-	-	-	-
	Bromochloromethane	74-97-5			mg/kg	-	-	-	-	-	-	-	-
	2,2-Dichloropropane	594-20-7			mg/kg	-	-	-	-	-	-	-	-
	1,2-Dibromoethane	106-93-4			mg/kg	-	-	-	-	-	-	-	-
	1,3-Dichloropropane	142-28-9			mg/kg	-	-	-	-	-	-	-	-
	1,1,1,2-Tetrachloroethane	630-20-6			mg/kg	-	-	-	-	-	-	-	-
	Bromobenzene	108-86-1			mg/kg	-	-	-	-	-	-	-	-
	n-Butylbenzene	104-51-8	500	12	mg/kg	-	-	-	-	-	-	-	-
	sec-Butylbenzene	135-98-8	500	11	mg/kg	-	-	-	-	-	-	-	-
	tert-Butylbenzene	98-06-6	500	5.9	mg/kg	-	-	-	-	-	-	-	-
	o-Chlorotoluene	95-49-8			mg/kg	-	-	-	-	-	-	-	-
	p-Chlorotoluene	106-43-4			mg/kg	-	-	-	-	-	-	-	-
	1,2-Dibromo-3-chloropropane	96-12-8			mg/kg	-	-	-	-	-	-	-	-
	Hexachlorobutadiene	87-68-3			mg/kg	-	-	-	-	-	-	-	-
	Isopropylbenzene	98-82-8			mg/kg	-	-	-	-	-	-	-	-
	p-Isopropyltoluene	99-87-6			mg/kg	-	-	-	-	-	-	-	-
	Naphthalene	91-20-3	500	12	mg/kg	-	-	-	-	-	-	-	-
	Acrylonitrile	107-13-1			mg/kg	-	-	-	-	-	-	-	-
	n-Propylbenzene	103-65-1	500	3.9	mg/kg	-	-	-	-	-	-	-	-
	1,2,3-Trichlorobenzene	87-61-6			mg/kg	-	-	-	-	-	-	-	-
	1,2,4-Trichlorobenzene	120-82-1			mg/kg	-	-	-	-	-	-	-	-
	1,3,5-Trimethylbenzene	108-67-8	190	8.4	mg/kg	-	-	-	-	-	-	-	-
	1,2,4-Trimethylbenzene	95-63-6	190	3.6	mg/kg	-	-	-	-	-	-	-	-
	1,4-Dioxane	123-91-1	130	0.1	mg/kg	-	-	-	-	-	-	-	-
	p-Diethylbenzene	105-05-5			mg/kg	-	-	-	-	-	-	-	-
	p-Ethyltoluene	622-96-8			mg/kg	-	-	-	-	-	-	-	-
	1,2,4,5-Tetramethylbenzene	95-93-2			mg/kg	-	-	-	-	-	-	-	-
	Ethyl ether	60-29-7			mg/kg	-	-	-	-	-	-	-	-
	trans-1,4-Dichloro-2-butene	110-57-6			mg/kg	-	-	-	-	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.

Notes:

Not Detected above Laboratory Report
Exceeds PGWSCO (NY-RESGW)
Exceeds CSCO (NY-RESC)

NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria p
govt.westlaw.com - table 375-6.8(b) - Restricted Use Cleanup Objectives - Commercial Sc
NY-RESGW: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteri
govt.westlaw.com - table 375-6.8(b) - Restricted Use Cleanup Objectives - Protection of G

Table 1B
Summary of Soil Analytical Data - Interior Locations
26 Clarence Avenue, Buffalo, New York

LOCATION					B-11 24-28"		B-12 1-5'		B-13 28-46"		B-14 2-3'		B-14 3-4'		B-14 3-4'		B-16 28-32'	
SAMPLING DATE					10/28/2021		10/28/2021		10/28/2021		10/28/2021		10/28/2021		10/28/2021		10/28/2021	
LAB SAMPLE ID					L2159354-01		L2159354-02		L2159354-03		L2159354-04		L2159354-05		L2159354-05 R1		L2159354-06	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																		
	CasNum	NY-RESC	NY-RESGW	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																		
Solids, Total	NONE			%	91.9		83.8		85.6		89.6		83.4		-	-	81.8	
Cyanide, Total	57-12-5	27	40	mg/kg	1.1	U	1.2	U	0.39	J	0.27	J	1.1	U	-	-	1.2	U
Semivolatile Organics by GC/MS																		
Acenaphthene	83-32-9	500	98	mg/kg	0.17		0.16	U	0.15	U	0.1	J	0.45		-	-	0.61	
1,2,4-Trichlorobenzene	120-82-1			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
Hexachlorobenzene	118-74-1	6	3.2	mg/kg	0.11	U	0.12	U	0.11	U	0.11	U	0.12	U	-	-	0.12	U
Bis(2-chloroethyl)ether	111-44-4			mg/kg	0.16	U	0.18	U	0.17	U	0.17	U	0.18	U	-	-	0.18	U
2-Chloronaphthalene	91-58-7			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
1,2-Dichlorobenzene	95-50-1	500	1.1	mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
1,3-Dichlorobenzene	541-73-1	280	2.4	mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
1,4-Dichlorobenzene	106-46-7	130	1.8	mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
3,3'-Dichlorobenzidine	91-94-1			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
2,4-Dinitrotoluene	121-14-2			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
2,6-Dinitrotoluene	606-20-2			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
Fluoranthene	206-44-0	500	1,000	mg/kg	0.18		0.084	J	0.15		0.22		0.27		-	-	0.18	
4-Chlorophenyl phenyl ether	7005-72-3			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
4-Bromophenyl phenyl ether	101-55-3			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
Bis(2-chloroisopropyl)ether	108-60-1			mg/kg	0.21	U	0.23	U	0.23	U	0.22	U	0.24	U	-	-	0.24	U
Bis(2-chloroethoxy)methane	111-91-1			mg/kg	0.19	U	0.21	U	0.2	U	0.2	U	0.21	U	-	-	0.21	U
Hexachlorobutadiene	87-68-3			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
Hexachlorocyclopentadiene	77-47-4			mg/kg	0.51	U	0.56	U	0.54	U	0.53	U	0.56	U	-	-	0.57	U
Hexachloroethane	67-72-1			mg/kg	0.14	U	0.16	U	0.15	U	0.15	U	0.16	U	-	-	0.16	U
Isophorone	78-59-1			mg/kg	0.16	U	0.18	U	0.17	U	0.17	U	0.18	U	-	-	0.18	U
Naphthalene	91-20-3	500	12	mg/kg	0.18	U	0.054	J	0.028	J	1.6		1.7		-	-	0.69	
Nitrobenzene	98-95-3			mg/kg	0.16	U	0.18	U	0.17	U	0.17	U	0.18	U	-	-	0.18	U
NDPA/DPA	86-30-6			mg/kg	0.14	U	0.16	U	0.15	U	0.15	U	0.16	U	-	-	0.16	U
n-Nitrosodi-n-propylamine	621-64-7			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
Bis(2-ethylhexyl)phthalate	117-81-7			mg/kg	0.32		0.2	U	0.19		0.52		0.13	J	-	-	0.12	J
Butyl benzyl phthalate	85-68-7			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
Di-n-butylphthalate	84-74-2			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
Di-n-octylphthalate	117-84-0			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
Diethyl phthalate	84-66-2			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
Dimethyl phthalate	131-11-3			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
Benzo(a)anthracene	56-55-3	5.6	1	mg/kg	0.068	J	0.041	J	0.07	J	0.15		0.13		-	-	0.056	J
Benzo(a)pyrene	50-32-8	1	22	mg/kg	0.14	U	0.16	U	0.062	J	0.26		0.1	J	-	-	0.16	U
Benzo(b)fluoranthene	205-99-2	5.6	1.7	mg/kg	0.054	J	0.049	J	0.089	J	0.34		0.16		-	-	0.12	U
Benzo(k)fluoranthene	207-08-9	56	1.7	mg/kg	0.11	U	0.12	U	0.04	J	0.12		0.047	J	-	-	0.12	U
Chrysene	218-01-9	56	1	mg/kg	0.064	J	0.044	J	0.076	J	0.22		0.19		-	-	0.056	J
Acenaphthylene	208-96-8	500	107	mg/kg	0.14	U	0.16	U	0.15	U	0.15	U	0.16	U	-	-	0.16	U
Anthracene	120-12-7	500	1,000	mg/kg	0.12		0.12	U	0.11	U	0.048	J	0.28		-	-	0.48	
Benzo(ghi)perylene	191-24-2	500	1,000	mg/kg	0.14	U	0.16	U	0.043	J	0.28		0.074	J	-	-	0.16	U
Fluorene	86-73-7	500	386	mg/kg	0.4		0.2	U	0.19	U	0.14	J	0.91		-	-	1.3	
Phenanthrene	85-01-8	500	1,000	mg/kg	0.72		0.076	J	0.097	J	0.46		1.9		-	-	2.4	
Dibenzo(a,h)anthracene	53-70-3	0.56	1,000	mg/kg	0.11	U	0.12	U	0.11	U	0.059	J	0.12	U	-	-	0.12	U
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	8.2	mg/kg	0.14	U	0.16	U	0.049	J	0.29		0.075	J	-	-	0.16	U
Pyrene	129-00-0	500	1,000	mg/kg	0.18		0.067	J	0.12		0.25		0.39		-	-	0.33	
Biphenyl	92-52-4			mg/kg	0.25	J	0.44	U	0.43	U	0.071	J	0.45	U	-	-	0.3	J
4-Chloroaniline	106-47-8			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
2-Nitroaniline	88-74-4			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
3-Nitroaniline	99-09-2			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
4-Nitroaniline	100-01-6			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
Dibenzofuran	132-64-9	350	210	mg/kg	0.2		0.2	U	0.19	U	0.085	J	0.46		-	-	0.67	
2-Methylnaphthalene	91-57-6			mg/kg	0.21	U	0.056	J	0.028	J	1.3		8.6	E	8.2		4.2	
1,2,4,5-Tetrachlorobenzene	95-94-3			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
Acetophenone	98-86-2			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
2,4,6-Trichlorophenol	88-06-2			mg/kg	0.11	U	0.12	U	0.11	U	0.11	U	0.12	U	-	-	0.12	U
p-Chloro-m-cresol	59-50-7			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
2-Chlorophenol	95-57-8			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
2,4-Dichlorophenol	120-83-2			mg/kg	0.16	U	0.18	U	0.17	U	0.17	U	0.18	U	-	-	0.18	U
2,4-Dimethylphenol	105-67-9			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
2-Nitrophenol	88-75-5			mg/kg	0.38	U	0.42	U	0.41	U	0.4	U	0.42	U	-	-	0.43	U
4-Nitrophenol	100-02-7			mg/kg	0.25	U	0.27	U	0.27	U	0.26	U	0.28	U	-	-	0.28	U
2,4-Dinitrophenol	51-28-5			mg/kg	0.85	U	0.94	U	0.91	U	0.89	U	0.94	U	-	-	0.95	U
4,6-Dinitro-o-cresol	534-52-1			mg/kg	0.46	U	0.51	U	0.5	U	0.48	U	0.51	U	-	-	0.52	U
Pentachlorophenol	87-86-5	6.7	0.8	mg/kg	0.14	U	0.16	U	0.15	U	0.15	U	0.16	U	-	-	0.16	U
Phenol	108-95-2	500	0.33	mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
2-Methylphenol	95-48-7	500	0.33	mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
3-Methylphenol/4-Methylphenol	108-39-4/106-4	500	0.33	mg/kg	0.26	U	0.28	U	0.048	J	0.27	U	0.28	U	-	-	0.29	U
2,4,5-Trichlorophenol	95-95-4			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
Benzoic Acid	65-85-0			mg/kg	0.57	U	0.63	U	0.62	U	0.6	U	0.64	U	-	-	0.64	U
Benzyl Alcohol	100-51-6			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
Carbazole	86-74-8			mg/kg	0.18	U	0.2	U	0.19	U	0.18	U	0.2	U	-	-	0.2	U
1,4-Dioxane	123-91-1	130	0.1	mg/kg	0.027	U	0.029	U	0.028	U	0.028	U	0.029	U	-	-	0.03	U
Total Metals																		
Arsenic, Total	7440-38-2	16	16	mg/kg	2.65		3.85		7.49		7.31		16.9		-	-	3.64	
Barium, Total	7440-39-3	400	820	mg/kg	29		67.8		86.3		31.7		52.8		-	-	90.6	
Beryllium, Total	7440-41-7	590	47	mg/kg	0.174	J	0.608		0.525		2.32		0.472	J	-	-	0.624	
Cadmium, Total	7440-43-9	9.3	7.5	mg/kg	0.114	J	0.263	J	0.301	J	0.203	J	4.72	U	-	-	0.227	J
Chromium, Total	7440-47-3			mg/kg	6.16		12.5		11		159		8690		-	-	16.1	

Table 1B
Summary of Soil Analytical Data - Interior Locations
26 Clarence Avenue, Buffalo, New York

LOCATION					B-11 24-28"		B-12 1-5'		B-13 28-46"		B-14 2-3'		B-14 3-4'		B-14 3-4'		B-16 28-32'	
SAMPLING DATE					10/28/2021		10/28/2021		10/28/2021		10/28/2021		10/28/2021		10/28/2021		10/28/2021	
LAB SAMPLE ID					L2159354-01		L2159354-02		L2159354-03		L2159354-04		L2159354-05		L2159354-05 R1		L2159354-06	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																		
	CasNum	NY-RESC	NY-RESGW	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Copper, Total	7440-50-8	270	1,720	mg/kg	7.87		24.2		36.8		224		223		-	-	19.3	
Lead, Total	7439-92-1	1,000	450	mg/kg	7.24		44.8		57.3		69		231		-	-	10.9	
Manganese, Total	7439-96-5	10,000	2,000	mg/kg	317		182		233		353		1570		-	-	661	
Mercury, Total	7439-97-6	2.8	0.73	mg/kg	0.069	U	0.07	J	0.088		0.07	U	0.28		-	-	0.077	U
Nickel, Total	7440-02-0	310	130	mg/kg	7.46		14.4		14.9		132		29,400		-	-	21.1	
Selenium, Total	7782-49-2	1,500	4	mg/kg	0.797	J	0.789	J	0.958		0.368	J	6.66	J	-	-	0.902	J
Silver, Total	7440-22-4	1,500	8.3	mg/kg	0.424	U	0.453	U	0.456	U	0.423	U	4.72	U	-	-	0.472	U
Zinc, Total	7440-66-6	10,000	2,480	mg/kg	37.8		57.4		80.5		32.9		53.6		-	-	53.1	
Volatile Organics by EPA 5035																		
Methylene chloride	75-09-2	500	0.05	mg/kg	0.28	U	0.0049	U	0.34	U	-	-	0.28	U	-	-	0.006	U
1,1-Dichloroethane	75-34-3	240	0.27	mg/kg	0.056	U	0.00033	J	0.28		-	-	0.054	J	-	-	0.0053	
Chloroform	67-66-3	350	0.37	mg/kg	0.083	U	0.0015	U	0.1	U	-	-	0.085	U	-	-	0.0018	U
Carbon tetrachloride	56-23-5	22	0.76	mg/kg	0.056	U	0.00099	U	0.069	U	-	-	0.056	U	-	-	0.0012	U
1,2-Dichloropropane	78-87-5			mg/kg	0.056	U	0.00099	U	0.069	U	-	-	0.056	U	-	-	0.0012	U
Dibromochloromethane	124-48-1			mg/kg	0.056	U	0.00099	U	0.069	U	-	-	0.056	U	-	-	0.0012	U
1,1,2-Trichloroethane	79-00-5			mg/kg	0.056	U	0.00099	U	0.069	U	-	-	0.056	U	-	-	0.0012	U
Tetrachloroethene	127-18-4	150	1.3	mg/kg	0.028	U	0.00049	U	2.9		-	-	0.16		-	-	0.0012	
Chlorobenzene	108-90-7	500	1.1	mg/kg	0.028	U	0.00049	U	0.034	U	-	-	0.028	U	-	-	0.0006	U
Trichlorofluoromethane	75-69-4			mg/kg	0.22	U	0.004	U	0.28	U	-	-	0.23	U	-	-	0.0048	U
1,2-Dichloroethane	107-06-2	30	0.02	mg/kg	0.056	U	0.00099	U	0.069	U	-	-	0.056	U	-	-	0.0012	U
1,1,1-Trichloroethane	71-55-6	500	0.68	mg/kg	0.028	U	0.00049	U	0.034	U	-	-	0.028	U	-	-	0.0006	U
Bromodichloromethane	75-27-4			mg/kg	0.028	U	0.00049	U	0.034	U	-	-	0.028	U	-	-	0.0006	U
trans-1,3-Dichloropropene	10061-02-6			mg/kg	0.056	U	0.00099	U	0.069	U	-	-	0.056	U	-	-	0.0012	U
cis-1,3-Dichloropropene	10061-01-5			mg/kg	0.028	U	0.00049	U	0.034	U	-	-	0.028	U	-	-	0.0006	U
1,3-Dichloropropene, Total	542-75-6			mg/kg	0.028	U	0.00049	U	0.034	U	-	-	0.028	U	-	-	0.0006	U
Bromoform	75-25-2			mg/kg	0.22	U	0.004	U	0.28	U	-	-	0.23	U	-	-	0.0048	U
1,1,2,2-Tetrachloroethane	79-34-5			mg/kg	0.028	U	0.00049	U	0.034	U	-	-	0.028	U	-	-	0.0006	U
Benzene	71-43-2	44	0.06	mg/kg	0.028	U	0.00049	U	0.015	J	-	-	0.028	U	-	-	0.0019	
Toluene	108-88-3	500	0.7	mg/kg	0.056	U	0.00099	U	0.069	U	-	-	0.056	U	-	-	0.003	
Ethylbenzene	100-41-4	390	1	mg/kg	0.012	J	0.00099	U	0.069	U	-	-	0.042	J	-	-	0.01	
Chloromethane	74-87-3			mg/kg	0.22	U	0.004	U	0.28	U	-	-	0.23	U	-	-	0.0048	U
Bromomethane	74-83-9			mg/kg	0.11	U	0.002	U	0.14	U	-	-	0.11	U	-	-	0.0024	U
Vinyl chloride	75-01-4	13	0.02	mg/kg	0.056	U	0.0005	J	2.6		-	-	0.056	U	-	-	0.00048	J
Chloroethane	75-00-3			mg/kg	0.11	U	0.002	U	0.14	U	-	-	0.11	U	-	-	0.0024	U
1,1-Dichloroethene	75-35-4	500	0.33	mg/kg	0.056	U	0.00099	U	0.069	U	-	-	0.056	U	-	-	0.0012	U
trans-1,2-Dichloroethene	156-60-5	500	0.19	mg/kg	0.083	U	0.0015	U	0.4		-	-	0.085	U	-	-	0.00026	J
Trichloroethene	79-01-6	200	0.47	mg/kg	0.028	U	0.00086		0.093		-	-	0.028		-	-	0.0006	U
1,2-Dichlorobenzene	95-50-1	500	1.1	mg/kg	0.11	U	0.002	U	0.14	U	-	-	0.02	J	-	-	0.0024	U
1,3-Dichlorobenzene	541-73-1	280	2.4	mg/kg	0.11	U	0.002	U	0.14	U	-	-	0.11	U	-	-	0.0024	U
1,4-Dichlorobenzene	106-46-7	130	1.8	mg/kg	0.11	U	0.002	U	0.012	J	-	-	0.11	U	-	-	0.0024	U
Methyl tert butyl ether	1634-04-4	500	0.93	mg/kg	0.11	U	0.002	U	0.14	U	-	-	0.11	U	-	-	0.0024	U
p/m-Xylene	179601-23-1			mg/kg	0.11	U	0.002	U	0.14	U	-	-	0.075	J	-	-	0.002	J
o-Xylene	95-47-6			mg/kg	0.056	U	0.00099	U	0.021	J	-	-	0.086		-	-	0.0099	
Xylenes, Total	1330-20-7	500	1.6	mg/kg	0.056	U	0.00099	U	0.021	J	-	-	0.16	J	-	-	0.012	J
cis-1,2-Dichloroethene	156-59-2	500	0.25	mg/kg	0.012	J	0.0023		8		-	-	0.021	J	-	-	0.0031	
1,2-Dichloroethene, Total	540-59-0			mg/kg	0.012	J	0.0023		8.4		-	-	0.021	J	-	-	0.0034	J
Styrene	100-42-5			mg/kg	0.056	U	0.00099	U	0.069	U	-	-	0.056	U	-	-	0.0012	U
Dichlorodifluoromethane	75-71-8			mg/kg	0.56	U	0.0099	U	0.69	U	-	-	0.56	U	-	-	0.012	U
Acetone	67-64-1	500	0.05	mg/kg	0.56	U	0.04		0.69	U	-	-	0.56	U	-	-	0.098	
Carbon disulfide	75-15-0			mg/kg	0.56	U	0.0099	U	0.69	U	-	-	0.58		-	-	0.012	U
2-Butanone	78-93-3	500	0.12	mg/kg	0.56	U	0.012		0.69	U	-	-	0.56	U	-	-	0.012	U
4-Methyl-2-pentanone	108-10-1			mg/kg	0.56	U	0.0099	U	0.69	U	-	-	0.56	U	-	-	0.012	U
2-Hexanone	591-78-6			mg/kg	0.56	U	0.0099	U	0.69	U	-	-	0.56	U	-	-	0.012	U
Bromochloromethane	74-97-5			mg/kg	0.11	U	0.002	U	0.14	U	-	-	0.11	U	-	-	0.0024	U
1,2-Dibromoethane	106-93-4			mg/kg	0.056	U	0.00099	U	0.069	U	-	-	0.056	U	-	-	0.0012	U
n-Butylbenzene	104-51-8	500	12	mg/kg	0.19		0.00099	U	0.069	U	-	-	4.3		-	-	0.16	
sec-Butylbenzene	135-98-8	500	11	mg/kg	0.37		0.00099	U	0.069	U	-	-	1.4		-	-	0.2	
tert-Butylbenzene	98-06-6	500	5.9	mg/kg	0.054	J	0.002	U	0.14	U	-	-	0.13		-	-	0.043	
1,2-Dibromo-3-chloropropane	96-12-8			mg/kg	0.17	U	0.003	U	0.21	U	-	-	0.17	U	-	-	0.0036	U
Isopropylbenzene	98-82-8			mg/kg	0.056	U	0.00099	U	0.069	U	-	-	0.098		-	-	0.089	
p-Isopropyltoluene	99-87-6			mg/kg	0.056	U	0.00099	U	0.069	U	-	-	2.2		-	-	0.06	
Naphthalene	91-20-3	500	12	mg/kg	0.12	J	0.004	U	0.13	J	-	-	12		-	-	0.058	
n-Propylbenzene	103-65-1	500	3.9	mg/kg	0.056	U	0.00099	U	0.069	U	-	-	0.27		-	-	0.11	
1,2,3-Trichlorobenzene	87-61-6			mg/kg	0.11	U	0.002	U	0.14	U	-	-	0.11	U	-	-	0.0024	U
1,2,4-Trichlorobenzene	120-82-1			mg/kg	0.11	U	0.002	U	0.14	U	-	-	0.11	U	-	-	0.0024	U
1,3,5-Trimethylbenzene	108-67-8	190	8.4	mg/kg	0.11	U	0.002	U	0.14	U	-	-	0.65		-	-	0.018	
1,2,4-Trimethylbenzene	95-63-6	190	3.6	mg/kg	0.03	J	0.002	U	0.023	J	-	-	1.6		-	-	0.059	
Methyl Acetate	79-20-9			mg/kg	0.22	U	0.004	U	0.36		-	-	0.2	J	-	-	0.0048	U
Cyclohexane	110-82-7			mg/kg	0.56	U	0.0099	U	0.044	J	-	-	0.56	U	-	-	0.083	
1,4-Dioxane	123-91-1	130	0.1	mg/kg	4.4	U	0.079	U	5.5	U	-	-	4.5	U	-	-	0.097	U
Freon-113	76-13-1			mg/kg	0.22	U	0.004	U	0.28	U	-	-	0.23	U	-	-	0.0048	U
Methyl cyclohexane	108-87-2			mg/kg	0.41		0.004	U	0.13	J	-	-	0.082	J	-	-	0.43	E
Volatile Organics by EPA 5035 High																		
Methylene chloride	75-09-2	500	0.05	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.29	U
1,1-Dichloroethane	75-34-3	240	0.27	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.058	U
Chloroform	67-66-3	350	0.37	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.0093	J
Carbon tetrachloride	56-23-5	22	0.76	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.058	U
1,2-Dichloropropane	78-87-5			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.058	U
Dibromochloromethane	124-48-1			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.058	U
1,1,2-Trichloroethane	79-00-5			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.058	U

Table 1B
Summary of Soil Analytical Data - Interior Locations
26 Clarence Avenue, Buffalo, New York

LOCATION					B-11 24-28"		B-12 1-5'		B-13 28-46"		B-14 2-3'		B-14 3-4'		B-14 3-4'		B-16 28-32'	
SAMPLING DATE					10/28/2021		10/28/2021		10/28/2021		10/28/2021		10/28/2021		10/28/2021		10/28/2021	
LAB SAMPLE ID					L2159354-01		L2159354-02		L2159354-03		L2159354-04		L2159354-05		L2159354-05 R1		L2159354-06	
SAMPLE TYPE					SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																		
	CasNum	NY-RESC	NY-RESGW	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Tetrachloroethene	127-18-4	150	1.3	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.029	U
Chlorobenzene	108-90-7	500	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.029	U
Trichlorofluoromethane	75-69-4			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.23	U
1,2-Dichloroethane	107-06-2	30	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.058	U
1,1,1-Trichloroethane	71-55-6	500	0.68	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.029	U
Bromodichloromethane	75-27-4			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.029	U
trans-1,3-Dichloropropene	10061-02-6			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.058	U
cis-1,3-Dichloropropene	10061-01-5			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.029	U
1,3-Dichloropropene, Total	542-75-6			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.029	U
Bromoform	75-25-2			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.23	U
1,1,2,2-Tetrachloroethane	79-34-5			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.029	U
Benzene	71-43-2	44	0.06	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.029	U
Toluene	108-88-3	500	0.7	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.058	U
Ethylbenzene	100-41-4	390	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.011	J
Chloromethane	74-87-3			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.23	U
Bromomethane	74-83-9			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.12	U
Vinyl chloride	75-01-4	13	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.058	U
Chloroethane	75-00-3			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.12	U
1,1-Dichloroethene	75-35-4	500	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.058	U
trans-1,2-Dichloroethene	156-60-5	500	0.19	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.087	U
Trichloroethene	79-01-6	200	0.47	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.029	U
1,2-Dichlorobenzene	95-50-1	500	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.12	U
1,3-Dichlorobenzene	541-73-1	280	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.12	U
1,4-Dichlorobenzene	106-46-7	130	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.12	U
Methyl tert butyl ether	1634-04-4	500	0.93	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.12	U
p/m-Xylene	179601-23-1			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.12	U
o-Xylene	95-47-6			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.058	U
Xylenes, Total	1330-20-7	500	1.6	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.058	U
cis-1,2-Dichloroethene	156-59-2	500	0.25	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.058	U
1,2-Dichloroethene, Total	540-59-0			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.058	U
Styrene	100-42-5			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.058	U
Dichlorodifluoromethane	75-71-8			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.58	U
Acetone	67-64-1	500	0.05	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.58	U
Carbon disulfide	75-15-0			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.58	U
2-Butanone	78-93-3	500	0.12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.58	U
4-Methyl-2-pentanone	108-10-1			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.58	U
2-Hexanone	591-78-6			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.58	U
Bromochloromethane	74-97-5			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.12	U
1,2-Dibromoethane	106-93-4			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.058	U
n-Butylbenzene	104-51-8	500	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.61	
sec-Butylbenzene	135-98-8	500	11	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.35	
tert-Butylbenzene	98-06-6	500	5.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.056	J
1,2-Dibromo-3-chloropropane	96-12-8			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.17	U
Isopropylbenzene	98-82-8			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.052	J
p-Isopropyltoluene	99-87-6			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.17	
Naphthalene	91-20-3	500	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	1.5	
n-Propylbenzene	103-65-1	500	3.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.076	
1,2,3-Trichlorobenzene	87-61-6			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.12	U
1,2,4-Trichlorobenzene	120-82-1			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.12	U
1,3,5-Trimethylbenzene	108-67-8	190	8.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.028	J
1,2,4-Trimethylbenzene	95-63-6	190	3.6	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.12	
Methyl Acetate	79-20-9			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.23	U
Cyclohexane	110-82-7			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.13	J
1,4-Dioxane	123-91-1	130	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	4.6	U
Freon-113	76-13-1			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.23	U
Methyl cyclohexane	108-87-2			mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	0.85	

* Comparison is not performed on parameters with non-numeric criteria.

Notes:

Not Detected above Laboratory Reporting Limits but Exceeds Regulatory Standard
Exceeds PGWSCO (NY-RESGW)
Exceeds CSCO (NY-RESC)

NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, current through May 15, 2023.
govt.westlaw.com - table 375-6.8(b) - Restricted Use Cleanup Objectives - Commercial Soil Use Cleanup Objectives (CSCOs)
NY-RESGW: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, current through May 15, 2023.
govt.westlaw.com - table 375-6.8(b) - Restricted Use Cleanup Objectives - Protection of Groundwater Soil Cleanup Objectives (PGWSCOs)

Table 1C
Summary of Soil Analytical Data - Floor Drain Locations
26 Clarence Avenue, Buffalo, NY

LOCATION		NYSDEC Soil Criteria		DR-4	DR-1	DR-3	DR-5
SAMPLING DATE				10/27/2021	10/27/2021	10/27/2021	10/27/2021
LAB SAMPLE ID				L2158957-01	L2158957-02	L2158957-03	L2158957-04
SAMPLE TYPE				SOIL	SOIL	SOIL	SOIL
	CasNum	NY-UNRES	Units				
General Chemistry							
Solids, Total	NONE		%	51.3	49.4	49.5	71.1
Cyanide, Total	57-12-5	27	mg/kg	0.95	ND(2)	0.41	0.71
Semivolatile Organics by GC/MS							
Acenaphthene	83-32-9	20	mg/kg	0.42	ND(0.27)	ND(1.3)	ND(1.8)
1,2,4-Trichlorobenzene	120-82-1	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
Hexachlorobenzene	118-74-1	0.33	mg/kg	ND(0.19)	ND(0.2)	ND(1)	ND(1.4)
Bis(2-chloroethyl)ether	111-44-4	NS	mg/kg	ND(0.28)	ND(0.3)	ND(1.5)	ND(2.1)
2-Chloronaphthalene	91-58-7	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
3,3'-Dichlorobenzidine	91-94-1	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
2,4-Dinitrotoluene	121-14-2	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
2,6-Dinitrotoluene	606-20-2	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
Fluoranthene	206-44-0	100	mg/kg	3.5	0.95	0.34	2.2
4-Chlorophenyl phenyl ether	7005-72-3	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
4-Bromophenyl phenyl ether	101-55-3	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
Bis(2-chloroisopropyl)ether	108-60-1	NS	mg/kg	ND(0.38)	ND(0.4)	ND(2)	ND(2.8)
Bis(2-chloroethoxy)methane	111-91-1	NS	mg/kg	ND(0.34)	ND(0.36)	ND(1.8)	ND(2.5)
Hexachlorobutadiene	87-68-3	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
Hexachlorocyclopentadiene	77-47-4	NS	mg/kg	ND(0.91)	ND(0.96)	ND(4.8)	ND(6.6)
Hexachloroethane	67-72-1	NS	mg/kg	ND(0.25)	ND(0.27)	ND(1.3)	ND(1.8)
Isophorone	78-59-1	NS	mg/kg	ND(0.28)	ND(0.3)	ND(1.5)	ND(2.1)
Naphthalene	91-20-3	12	mg/kg	0.15	ND(0.34)	ND(1.7)	0.32
Nitrobenzene	98-95-3	NS	mg/kg	ND(0.28)	ND(0.3)	ND(1.5)	ND(2.1)
NDPA/DPA	86-30-6	NS	mg/kg	ND(0.25)	ND(0.27)	ND(1.3)	ND(1.8)
n-Nitrosodi-n-propylamine	621-64-7	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
Bis(2-ethylhexyl)phthalate	117-81-7	NS	mg/kg	6.8	11	9.3	36
Butyl benzyl phthalate	85-68-7	NS	mg/kg	ND(0.32)	ND(0.34)	19	ND(2.3)
Di-n-butylphthalate	84-74-2	NS	mg/kg	ND(0.32)	ND(0.34)	0.48	0.54
Di-n-octylphthalate	117-84-0	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
Diethyl phthalate	84-66-2	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
Dimethyl phthalate	131-11-3	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
Benzo(a)anthracene	56-55-3	1	mg/kg	**1.6**	0.31	ND(1)	0.66
Benzo(a)pyrene	50-32-8	1	mg/kg	**1.4**	0.37	ND(1.3)	ND(1.8)
Benzo(b)fluoranthene	205-99-2	1	mg/kg	**2.1**	0.87	ND(1)	0.94
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg	0.72	0.23	ND(1)	0.56
Chrysene	218-01-9	1	mg/kg	**1.8**	0.61	0.23	**1.2**
Acenaphthylene	208-96-8	100	mg/kg	0.17	ND(0.27)	ND(1.3)	ND(1.8)
Anthracene	120-12-7	100	mg/kg	0.9	ND(0.2)	ND(1)	ND(1.4)
Benzo(ghi)perylene	191-24-2	100	mg/kg	1.1	0.51	ND(1.3)	ND(1.8)
Fluorene	86-73-7	30	mg/kg	0.38	ND(0.34)	ND(1.7)	0.39
Phenanthrene	85-01-8	100	mg/kg	3.1	0.29	0.2	2
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	0.25	0.097	ND(1)	ND(1.4)
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	mg/kg	**1.3**	**0.56**	ND(1.3)	0.44
Pyrene	129-00-0	100	mg/kg	3.1	0.97	0.33	2
Biphenyl	92-52-4	NS	mg/kg	ND(0.72)	ND(0.76)	ND(3.8)	ND(5.2)
4-Chloroaniline	106-47-8	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
2-Nitroaniline	88-74-4	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
3-Nitroaniline	99-09-2	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
4-Nitroaniline	100-01-6	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
Dibenzofuran	132-64-9	7	mg/kg	0.25	ND(0.34)	ND(1.7)	ND(2.3)
2-Methylnaphthalene	91-57-6	NS	mg/kg	0.11	ND(0.4)	ND(2)	0.69
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
Acetophenone	98-86-2	NS	mg/kg	0.28	0.1	0.38	ND(2.3)
2,4,6-Trichlorophenol	88-06-2	NS	mg/kg	ND(0.19)	ND(0.2)	ND(1)	ND(1.4)
p-Chloro-m-cresol	59-50-7	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	1.1
2-Chlorophenol	95-57-8	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
2,4-Dichlorophenol	120-83-2	NS	mg/kg	ND(0.28)	ND(0.3)	ND(1.5)	ND(2.1)
2,4-Dimethylphenol	105-67-9	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
2-Nitrophenol	88-75-5	NS	mg/kg	ND(0.68)	ND(0.72)	ND(3.6)	ND(5)
4-Nitrophenol	100-02-7	NS	mg/kg	ND(0.44)	ND(0.47)	ND(2.4)	ND(3.2)
2,4-Dinitrophenol	51-28-5	NS	mg/kg	ND(1.5)	ND(1.6)	ND(8.1)	ND(11)
4,6-Dinitro-o-cresol	534-52-1	NS	mg/kg	ND(0.82)	ND(0.87)	ND(4.4)	ND(6)
Pentachlorophenol	87-86-5	0.8	mg/kg	0.16	ND(0.27)	ND(1.3)	ND(1.8)
Phenol	108-95-2	0.33	mg/kg	0.11	ND(0.34)	ND(1.7)	ND(2.3)
2-Methylphenol	95-48-7	0.33	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.051	ND(0.48)	**0.72**	ND(3.3)

Table 1C
Summary of Soil Analytical Data - Floor Drain Locations
26 Clarence Avenue, Buffalo, NY

LOCATION		NYSDEC Soil Criteria		DR-4	DR-1	DR-3	DR-5
SAMPLING DATE				10/27/2021	10/27/2021	10/27/2021	10/27/2021
LAB SAMPLE ID				L2158957-01	L2158957-02	L2158957-03	L2158957-04
SAMPLE TYPE				SOIL	SOIL	SOIL	SOIL
	CasNum	NY-UNRES	Units				
2,4,5-Trichlorophenol	95-95-4	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
Benzoic Acid	65-85-0	NS	mg/kg	ND(1)	ND(1.1)	ND(5.4)	ND(7.4)
Benzyl Alcohol	100-51-6	NS	mg/kg	ND(0.32)	ND(0.34)	ND(1.7)	ND(2.3)
Carbazole	86-74-8	NS	mg/kg	0.5	0.069	ND(1.7)	ND(2.3)
1,4-Dioxane	123-91-1	0.1	mg/kg	ND(0.048)	ND(0.05)	ND(0.25)	ND(0.34)
Total Metals							
Arsenic, Total	7440-38-2	13	mg/kg	**41.6**	2.65	10.9	9.93
Barium, Total	7440-39-3	350	mg/kg	251	75.5	60.2	132
Beryllium, Total	7440-41-7	7.2	mg/kg	0.387	3.4	0.19	0.652
Cadmium, Total	7440-43-9	2.5	mg/kg	**32.7**	1.58	**10.2**	**16.4**
Chromium, Total	7440-47-3	NS	mg/kg	5390	81.4	330	981
Copper, Total	7440-50-8	50	mg/kg	**19900**	**287**	**923**	**1510**
Lead, Total	7439-92-1	63	mg/kg	**689**	29.7	**209**	**220**
Manganese, Total	7439-96-5	1600	mg/kg	**1700**	236	696	1140
Mercury, Total	7439-97-6	0.18	mg/kg	**3.33**	ND(0.138)	**0.566**	**0.264**
Nickel, Total	7440-02-0	30	mg/kg	**3710**	**59.2**	**647**	**826**
Selenium, Total	7782-49-2	3.9	mg/kg	**5.3**	ND(7.92)	1.11	2.37
Silver, Total	7440-22-4	2	mg/kg	**8.55**	ND(3.96)	1.02	**29.7**
Zinc, Total	7440-66-6	109	mg/kg	**1390**	**189**	**3440**	**606**
Volatile Organics by EPA 5035							
Methylene chloride	75-09-2	0.05	mg/kg	ND(0.0093)	ND(0.012)	ND(0.0099)	ND(0.43)
1,1-Dichloroethane	75-34-3	0.27	mg/kg	ND(0.0019)	ND(0.0023)	0.0016	**2**
Chloroform	67-66-3	0.37	mg/kg	ND(0.0028)	ND(0.0035)	ND(0.003)	ND(0.13)
Carbon tetrachloride	56-23-5	0.76	mg/kg	ND(0.0019)	ND(0.0023)	ND(0.002)	ND(0.086)
1,2-Dichloropropane	78-87-5	NS	mg/kg	ND(0.0019)	ND(0.0023)	ND(0.002)	ND(0.086)
Dibromochloromethane	124-48-1	NS	mg/kg	ND(0.0019)	ND(0.0023)	ND(0.002)	ND(0.086)
1,1,2-Trichloroethane	79-00-5	NS	mg/kg	ND(0.0019)	ND(0.0023)	ND(0.002)	ND(0.086)
Tetrachloroethene	127-18-4	1.3	mg/kg	0.00052	0.13	0.0007	0.11
Chlorobenzene	108-90-7	1.1	mg/kg	ND(0.00093)	ND(0.0012)	ND(0.00099)	ND(0.043)
Trichlorofluoromethane	75-69-4	NS	mg/kg	ND(0.0074)	ND(0.0093)	ND(0.0079)	ND(0.34)
1,2-Dichloroethane	107-06-2	0.02	mg/kg	ND(0.0019)	ND(0.0023)	ND(0.002)	ND(0.086)
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	ND(0.00093)	ND(0.0012)	ND(0.00099)	ND(0.043)
Bromodichloromethane	75-27-4	NS	mg/kg	ND(0.00093)	ND(0.0012)	ND(0.00099)	ND(0.043)
trans-1,3-Dichloropropene	10061-02-6	NS	mg/kg	ND(0.0019)	ND(0.0023)	ND(0.002)	ND(0.086)
cis-1,3-Dichloropropene	10061-01-5	NS	mg/kg	ND(0.00093)	ND(0.0012)	ND(0.00099)	ND(0.043)
1,3-Dichloropropene, Total	542-75-6	NS	mg/kg	ND(0.00093)	ND(0.0012)	ND(0.00099)	ND(0.043)
1,1-Dichloropropene	563-58-6	NS	mg/kg	ND(0.00093)	ND(0.0012)	ND(0.00099)	ND(0.043)
Bromoform	75-25-2	NS	mg/kg	ND(0.0074)	ND(0.0093)	ND(0.0079)	ND(0.34)
1,1,2,2-Tetrachloroethane	79-34-5	NS	mg/kg	ND(0.00093)	ND(0.0012)	ND(0.00099)	ND(0.043)
Benzene	71-43-2	0.06	mg/kg	ND(0.00093)	ND(0.0012)	0.00042	ND(0.043)
Toluene	108-88-3	0.7	mg/kg	ND(0.0019)	ND(0.0023)	0.0084	0.26
Ethylbenzene	100-41-4	1	mg/kg	ND(0.0019)	ND(0.0023)	0.0019	0.12
Chloromethane	74-87-3	NS	mg/kg	ND(0.0074)	ND(0.0093)	ND(0.0079)	ND(0.34)
Bromomethane	74-83-9	NS	mg/kg	ND(0.0037)	ND(0.0046)	ND(0.004)	ND(0.17)
Vinyl chloride	75-01-4	0.02	mg/kg	ND(0.0019)	ND(0.0023)	ND(0.002)	ND(0.086)
Chloroethane	75-00-3	NS	mg/kg	ND(0.0037)	0.0011	0.0011	ND(0.17)
1,1-Dichloroethene	75-35-4	0.33	mg/kg	ND(0.0019)	ND(0.0023)	ND(0.002)	ND(0.086)
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	ND(0.0028)	ND(0.0035)	ND(0.003)	ND(0.13)
Trichloroethene	79-01-6	0.47	mg/kg	0.0012	0.0024	ND(0.00099)	0.073
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	ND(0.0037)	ND(0.0046)	ND(0.004)	0.012
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	ND(0.0037)	ND(0.0046)	ND(0.004)	ND(0.17)
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.00054	ND(0.0046)	0.0011	0.12
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	ND(0.0037)	ND(0.0046)	ND(0.004)	ND(0.17)
p/m-Xylene	179601-23-1	NS	mg/kg	ND(0.0037)	ND(0.0046)	0.0012	0.57
o-Xylene	95-47-6	NS	mg/kg	ND(0.0019)	ND(0.0023)	0.00089	0.32
Xylenes, Total	1330-20-7	0.26	mg/kg	ND(0.0019)	ND(0.0023)	0.0021	**0.89**
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	ND(0.0019)	0.00048	ND(0.002)	0.021
1,2-Dichloroethene, Total	540-59-0		mg/kg	ND(0.0019)	0.00048	ND(0.002)	0.021
Dibromomethane	74-95-3	NS	mg/kg	ND(0.0037)	ND(0.0046)	ND(0.004)	ND(0.17)
Styrene	100-42-5	NS	mg/kg	ND(0.0019)	ND(0.0023)	0.00041	0.02
Dichlorodifluoromethane	75-71-8	NS	mg/kg	ND(0.019)	ND(0.023)	ND(0.02)	ND(0.86)
Acetone	67-64-1	0.05	mg/kg	ND(0.019)	**0.22**	**0.53**	ND(0.86)
Carbon disulfide	75-15-0	NS	mg/kg	ND(0.019)	ND(0.023)	0.018	ND(0.86)
2-Butanone (MEK)	78-93-3	0.12	mg/kg	ND(0.019)	0.0079	**0.48**	**0.19**
Vinyl acetate	108-05-4	NS	mg/kg	ND(0.019)	ND(0.023)	ND(0.02)	ND(0.86)
4-Methyl-2-pentanone	108-10-1	NS	mg/kg	ND(0.019)	ND(0.023)	ND(0.02)	ND(0.86)
1,2,3-Trichloropropane	96-18-4	NS	mg/kg	ND(0.0037)	ND(0.0046)	ND(0.004)	ND(0.17)
2-Hexanone	591-78-6	NS	mg/kg	ND(0.019)	ND(0.023)	0.0044	ND(0.86)
Bromochloromethane	74-97-5	NS	mg/kg	ND(0.0037)	ND(0.0046)	ND(0.004)	ND(0.17)

Table 1C
Summary of Soil Analytical Data - Floor Drain Locations
26 Clarence Avenue, Buffalo, NY

LOCATION		NYSDEC Soil Criteria		DR-4	DR-1	DR-3	DR-5
SAMPLING DATE				10/27/2021	10/27/2021	10/27/2021	10/27/2021
LAB SAMPLE ID				L2158957-01	L2158957-02	L2158957-03	L2158957-04
SAMPLE TYPE				SOIL	SOIL	SOIL	SOIL
	CasNum	NY-UNRES	Units				
2,2-Dichloropropane	594-20-7	NS	mg/kg	ND(0.0037)	ND(0.0046)	ND(0.004)	ND(0.17)
1,2-Dibromoethane	106-93-4	NS	mg/kg	ND(0.0019)	ND(0.0023)	ND(0.002)	ND(0.086)
1,3-Dichloropropane	142-28-9	NS	mg/kg	ND(0.0037)	ND(0.0046)	ND(0.004)	ND(0.17)
1,1,1,2-Tetrachloroethane	630-20-6	NS	mg/kg	ND(0.00093)	ND(0.0012)	ND(0.00099)	ND(0.043)
Bromobenzene	108-86-1	NS	mg/kg	ND(0.0037)	ND(0.0046)	ND(0.004)	ND(0.17)
n-Butylbenzene	104-51-8	12	mg/kg	ND(0.0019)	ND(0.0023)	ND(0.002)	0.63
sec-Butylbenzene	135-98-8	11	mg/kg	ND(0.0019)	ND(0.0023)	0.0018	0.35
tert-Butylbenzene	98-06-6	5.9	mg/kg	ND(0.0037)	ND(0.0046)	ND(0.004)	0.02
o-Chlorotoluene	95-49-8	NS	mg/kg	ND(0.0037)	ND(0.0046)	ND(0.004)	ND(0.17)
p-Chlorotoluene	106-43-4	NS	mg/kg	ND(0.0037)	ND(0.0046)	ND(0.004)	ND(0.17)
1,2-Dibromo-3-chloropropane	96-12-8	NS	mg/kg	ND(0.0056)	ND(0.007)	ND(0.0059)	ND(0.26)
Hexachlorobutadiene	87-68-3	NS	mg/kg	ND(0.0074)	ND(0.0093)	ND(0.0079)	ND(0.34)
Isopropylbenzene	98-82-8	NS	mg/kg	ND(0.0019)	ND(0.0023)	0.00043	0.061
p-Isopropyltoluene	99-87-6	NS	mg/kg	ND(0.0019)	ND(0.0023)	0.018	0.38
Naphthalene	91-20-3	12	mg/kg	ND(0.0074)	ND(0.0093)	ND(0.0079)	0.37
Acrylonitrile	107-13-1	NS	mg/kg	ND(0.0074)	ND(0.0093)	ND(0.0079)	ND(0.34)
n-Propylbenzene	103-65-1	3.9	mg/kg	ND(0.0019)	ND(0.0023)	ND(0.002)	0.34
1,2,3-Trichlorobenzene	87-61-6	NS	mg/kg	ND(0.0037)	ND(0.0046)	ND(0.004)	ND(0.17)
1,2,4-Trichlorobenzene	120-82-1	NS	mg/kg	ND(0.0037)	ND(0.0046)	ND(0.004)	ND(0.17)
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	ND(0.0037)	ND(0.0046)	0.00059	1.4
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	ND(0.0037)	ND(0.0046)	0.00092	**3.6**
1,4-Dioxane	123-91-1	0.1	mg/kg	ND(0.15)	ND(0.18)	ND(0.16)	ND(6.9)
p-Diethylbenzene	105-05-5	NS	mg/kg	ND(0.0037)	ND(0.0046)	ND(0.004)	2.9
p-Ethyltoluene	622-96-8	NS	mg/kg	ND(0.0037)	ND(0.0046)	ND(0.004)	1.8
1,2,4,5-Tetramethylbenzene	95-93-2	NS	mg/kg	ND(0.0037)	ND(0.0046)	ND(0.004)	0.43
Ethyl ether	60-29-7	NS	mg/kg	ND(0.0037)	ND(0.0046)	ND(0.004)	ND(0.17)
trans-1,4-Dichloro-2-butene	110-57-6	NS	mg/kg	ND(0.0093)	ND(0.012)	ND(0.0099)	ND(0.43)

Notes:

mg/kg = milligrams per kilogram (parts per million)

ND (0.17) = Reported concentration below laboratory reporting limit of 0.17 mg/kg

Bold values exceed NY-UNRES Soil Criteria

NY-UNRES: New York NYCRR Part 375 New York Unrestricted Use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NS = No Standard

Not Detected above Laboratory Reporting Limits but Exceeds Regulatory Standard

Exceeds NY-UNRES

Table 2A
Summary of Groundwater Analytical Data - Volatile Organic Compounds
26 Clarence Avenue, Buffalo, NY

LOCATION		NYSDEC Groundwater Criteria		MW-1	MW-2	MW-3	TRIP BLANK
SAMPLING DATE				11/17/2021	11/17/2021	11/17/2021	11/17/2021
LAB SAMPLE ID				L2163416-01	L2163416-02	L2163416-03	L2163416-04
SAMPLE TYPE				WATER	WATER	WATER	WATER
	CasNum	NY-TOGS-GA	Units	Results	Results	Results	Results
Volatile Organics by GC/MS							
Methylene chloride	75-09-2	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
1,1-Dichloroethane	75-34-3	5	ug/l	**140**	**18**	ND(1.25)	ND(1.25)
Chloroform	67-66-3	7	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
Carbon tetrachloride	56-23-5	5	ug/l	ND(2.5)	ND(1)	ND(0.25)	ND(0.25)
1,2-Dichloropropane	78-87-5	1	ug/l	ND(5)	ND(2)	ND(0.5)	ND(0.5)
Dibromochloromethane	124-48-1	50	ug/l	ND(2.5)	ND(1)	ND(0.25)	ND(0.25)
1,1,2-Trichloroethane	79-00-5	1	ug/l	ND(7.5)	ND(3)	ND(0.75)	ND(0.75)
Tetrachloroethene	127-18-4	5	ug/l	**1,700**	4.7	ND(0.25)	ND(0.25)
Chlorobenzene	108-90-7	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
Trichlorofluoromethane	75-69-4	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
1,2-Dichloroethane	107-06-2	0.6	ug/l	**1.5**	ND(1)	ND(0.25)	ND(0.25)
1,1,1-Trichloroethane	71-55-6	5	ug/l	**1500**	3.4	ND(1.25)	ND(1.25)
Bromodichloromethane	75-27-4	50	ug/l	ND(2.5)	ND(1)	ND(0.25)	ND(0.25)
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	ND(2.5)	ND(1)	ND(0.25)	ND(0.25)
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	ND(2.5)	ND(1)	ND(0.25)	ND(0.25)
1,3-Dichloropropene, Total	542-75-6	NS	ug/l	ND(2.5)	ND(1)	ND(0.25)	ND(0.25)
1,1-Dichloropropene	563-58-6	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
Bromoform	75-25-2	50	ug/l	ND(10)	ND(4)	ND(1)	ND(1)
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	ND(2.5)	ND(1)	ND(0.25)	ND(0.25)
Benzene	71-43-2	1	ug/l	ND(2.5)	0.74	0.28	ND(0.25)
Toluene	108-88-3	5	ug/l	ND(12.5)	ND(5)	0.72	ND(1.25)
Ethylbenzene	100-41-4	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
Chloromethane	74-87-3	NS	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
Bromomethane	74-83-9	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
Vinyl chloride	75-01-4	2	ug/l	**430**	**240**	ND(0.5)	ND(0.5)
Chloroethane	75-00-3	5	ug/l	**17**	ND(5)	ND(1.25)	ND(1.25)
1,1-Dichloroethene	75-35-4	5	ug/l	**28**	1.4	ND(0.25)	ND(0.25)
trans-1,2-Dichloroethene	156-60-5	5	ug/l	**9.4**	**11**	ND(1.25)	ND(1.25)
Trichloroethene	79-01-6	5	ug/l	**160**	**9.3**	ND(0.25)	ND(0.25)
1,2-Dichlorobenzene	95-50-1	3	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
1,3-Dichlorobenzene	541-73-1	3	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
1,4-Dichlorobenzene	106-46-7	3	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
Methyl tert butyl ether	1634-04-4	10	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
p/m-Xylene	179601-23-1	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
o-Xylene	95-47-6	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
Xylenes, Total	1330-20-7	NS	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
cis-1,2-Dichloroethene	156-59-2	5	ug/l	**640**	**490**	ND(1.25)	ND(1.25)
1,2-Dichloroethene, Total	540-59-0	NS	ug/l	650	500	ND(1.25)	ND(1.25)
Dibromomethane	74-95-3	5	ug/l	ND(25)	ND(10)	ND(2.5)	ND(2.5)
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
Acrylonitrile	107-13-1	5	ug/l	ND(25)	ND(10)	ND(2.5)	ND(2.5)
Styrene	100-42-5	930	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
Dichlorodifluoromethane	75-71-8	5	ug/l	ND(25)	ND(10)	ND(2.5)	ND(2.5)
Acetone	67-64-1	50	ug/l	ND(25)	ND(10)	ND(2.5)	ND(2.5)
Carbon disulfide	75-15-0	60	ug/l	ND(25)	ND(10)	ND(2.5)	ND(2.5)
2-Butanone	78-93-3	50	ug/l	ND(25)	ND(10)	ND(2.5)	ND(2.5)
Vinyl acetate	108-05-4	NS	ug/l	ND(25)	ND(10)	ND(2.5)	ND(2.5)
4-Methyl-2-pentanone	108-10-1	NS	ug/l	ND(25)	ND(10)	ND(2.5)	ND(2.5)
2-Hexanone	591-78-6	50	ug/l	ND(25)	ND(10)	ND(2.5)	ND(2.5)
Bromochloromethane	74-97-5	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
2,2-Dichloropropane	594-20-7	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
1,2-Dibromoethane	106-93-4	0.0006	ug/l	ND(10)	ND(4)	ND(1)	ND(1)
1,3-Dichloropropane	142-28-9	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
Bromobenzene	108-86-1	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
n-Butylbenzene	104-51-8	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
sec-Butylbenzene	135-98-8	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
tert-Butylbenzene	98-06-6	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
o-Chlorotoluene	95-49-8	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
p-Chlorotoluene	106-43-4	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
Hexachlorobutadiene	87-68-3	0.5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
Isopropylbenzene	98-82-8	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
p-Isopropyltoluene	99-87-6	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
Naphthalene	91-20-3	10	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
n-Propylbenzene	103-65-1	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
1,4-Dioxane	123-91-1	NS	ug/l	ND(1250)	ND(500)	ND(125)	ND(125)
p-Diethylbenzene	105-05-5	NS	ug/l	ND(10)	ND(4)	ND(1)	ND(1)
p-Ethyltoluene	622-96-8	NS	ug/l	ND(10)	ND(4)	ND(1)	ND(1)
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	ND(10)	ND(4)	ND(1)	ND(1)
Ethyl ether	60-29-7	NS	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)
trans-1,4-Dichloro-2-butene	110-57-6	5	ug/l	ND(12.5)	ND(5)	ND(1.25)	ND(1.25)

Notes:
ug/L = micrograms per liter (parts per billion)
ND (0.11) = Analyte not detected above laboratory reporting limit of 0.11 mg/kg
NS = No Standard promulgated
Bold values exceed one or more NYSDEC Criteria
NY-TOGS-GA: New York TOGS 1.1.1 Groundwater Effluent Limitations criteria reflects all addendum to criteria through June 2004.

Not Detected above Laboratory Reporting Limits but Exceeds Regulatory Standard
Exceeds NY-TOGS-GA

Table 2B
Summary of Groundwater Analytical Data - Semi-Volatile Organic Compounds
26 Clarence Avenue, Buffalo, NY

LOCATION		NYSDEC Groundwater Criteria		MW-1	MW-2	MW-3
SAMPLING DATE				11/17/2021	11/17/2021	11/17/2021
LAB SAMPLE ID				L2163416-01	L2163416-02	L2163416-03
SAMPLE TYPE				WATER	WATER	WATER
	CasNum	NY-TOGS-GA	Units	Results	Results	Results
Semivolatile Organics by GC/MS						
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
Bis(2-chloroethyl)ether	111-44-4	1	ug/l	ND(1)	ND(1)	ND(1)
1,2-Dichlorobenzene	95-50-1	3	ug/l	ND(1)	ND(1)	ND(1)
1,3-Dichlorobenzene	541-73-1	3	ug/l	ND(1)	ND(1)	ND(1)
1,4-Dichlorobenzene	106-46-7	3	ug/l	ND(1)	ND(1)	ND(1)
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
2,4-Dinitrotoluene	121-14-2	5	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
2,6-Dinitrotoluene	606-20-2	5	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
4-Chlorophenyl phenyl ether	7005-72-3	NS	ug/l	ND(1)	ND(1)	ND(1)
4-Bromophenyl phenyl ether	101-55-3	NS	ug/l	ND(1)	ND(1)	ND(1)
Bis(2-chloroisopropyl)ether	108-60-1	5	ug/l	ND(1)	ND(1)	ND(1)
Bis(2-chloroethoxy)methane	111-91-1	5	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
Hexachlorocyclopentadiene	77-47-4	5	ug/l	ND(10)	ND(10)	ND(10)
Isophorone	78-59-1	50	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
Nitrobenzene	98-95-3	0.4	ug/l	ND(1)	ND(1)	ND(1)
NDPA/DPA	86-30-6	50	ug/l	ND(1)	ND(1)	ND(1)
n-Nitrosodi-n-propylamine	621-64-7	NS	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
Bis(2-ethylhexyl)phthalate	117-81-7	5	ug/l	2.2	1.7	ND(1.5)
Butyl benzyl phthalate	85-68-7	50	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
Di-n-butylphthalate	84-74-2	50	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
Di-n-octylphthalate	117-84-0	50	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
Diethyl phthalate	84-66-2	50	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
Dimethyl phthalate	131-11-3	50	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
Biphenyl	92-52-4	NS	ug/l	ND(1)	ND(1)	ND(1)
4-Chloroaniline	106-47-8	5	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
2-Nitroaniline	88-74-4	5	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
3-Nitroaniline	99-09-2	5	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
4-Nitroaniline	100-01-6	5	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
Dibenzofuran	132-64-9	NS	ug/l	ND(1)	ND(1)	ND(1)
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	ND(5)	ND(5)	ND(5)
Acetophenone	98-86-2	NS	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
p-Chloro-m-cresol	59-50-7	NS	ug/l	ND(1)	ND(1)	ND(1)
2-Chlorophenol	95-57-8	NS	ug/l	ND(1)	ND(1)	ND(1)
2,4-Dichlorophenol	120-83-2	2	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
2,4-Dimethylphenol	105-67-9	2	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
2-Nitrophenol	88-75-5	NS	ug/l	ND(5)	ND(5)	ND(5)
4-Nitrophenol	100-02-7	NS	ug/l	ND(5)	ND(5)	ND(5)
2,4-Dinitrophenol	51-28-5	2	ug/l	ND(10)	ND(10)	ND(10)
4,6-Dinitro-o-cresol	534-52-1	NS	ug/l	ND(5)	ND(5)	ND(5)
Phenol	108-95-2	2	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
2-Methylphenol	95-48-7	NS	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	NS	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	ND(2.5)	ND(2.5)	ND(2.5)
Benzoic Acid	65-85-0	NS	ug/l	ND(25)	ND(25)	ND(25)
Benzyl Alcohol	100-51-6	NS	ug/l	ND(1)	ND(1)	ND(1)
Carbazole	86-74-8	NS	ug/l	ND(1)	ND(1)	ND(1)
Semivolatile Organics by GC/MS-SIM						
Acenaphthene	83-32-9	20	ug/l	0.26	0.12	ND(0.05)
2-Chloronaphthalene	91-58-7	10	ug/l	ND(0.1)	ND(0.1)	ND(0.1)
Fluoranthene	206-44-0	50	ug/l	0.13	0.51	ND(0.05)
Hexachlorobutadiene	87-68-3	0.5	ug/l	ND(0.25)	ND(0.25)	ND(0.25)
Naphthalene	91-20-3	10	ug/l	0.62	0.05	ND(0.05)
Benzo(a)anthracene	56-55-3	0.002	ug/l	**0.07**	**0.25**	**0.03**
Benzo(a)pyrene	50-32-8	0.002	ug/l	**0.04**	**0.19**	ND(0.05)
Benzo(b)fluoranthene	205-99-2	0.002	ug/l	**0.06**	**0.29**	**0.02**
Benzo(k)fluoranthene	207-08-9	0.002	ug/l	**0.02**	**0.1**	ND(0.05)
Chrysene	218-01-9	0.002	ug/l	**0.05**	**0.2**	**0.01**
Acenaphthylene	208-96-8	NS	ug/l	0.1	0.07	ND(0.05)
Anthracene	120-12-7	50	ug/l	0.05	0.15	ND(0.05)
Benzo(ghi)perylene	191-24-2	NS	ug/l	0.03	0.11	ND(0.05)
Fluorene	86-73-7	50	ug/l	0.5	0.23	0.03
Phenanthrene	85-01-8	50	ug/l	0.46	0.31	0.04
Dibenzo(a,h)anthracene	53-70-3	NS	ug/l	ND(0.05)	0.04	ND(0.05)
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ug/l	**0.04**	**0.16**	ND(0.05)
Pyrene	129-00-0	50	ug/l	0.12	0.46	0.02
2-Methylnaphthalene	91-57-6	NS	ug/l	1.2	0.04	0.16
Pentachlorophenol	87-86-5	2	ug/l	ND(0.4)	ND(0.4)	ND(0.4)
Hexachlorobenzene	118-74-1	0.04	ug/l	ND(0.4)	ND(0.4)	ND(0.4)
Hexachloroethane	67-72-1	5	ug/l	ND(0.4)	ND(0.4)	ND(0.4)

Notes:
ug/L = micrograms per liter (parts per billion)
ND (0.11) = Analyte not detected above laboratory reporting limit of 0.11 mg/kg
Bold values exceed one or more NYSDEC Criteria
NY-TOGS-GA: New York TOGS 1.1.1 Groundwater Effluent Limitations criteria reflects all addendum to criteria through June 2004.

Not Detected above Laboratory Reporting Limits but Exceeds Regulatory Standard
Exceeds NY-TOGS-GA

Table 2C
Summary of Groundwater Analytical Data - NYSDEC Metals
26 Clarence Avenue, Buffalo, NY

LOCATION		NYSDEC Groundwater Criteria		MW-1	MW-2	MW-3
SAMPLING DATE				11/17/2021	11/17/2021	11/17/2021
LAB SAMPLE ID				L2163416-01	L2163416-02	L2163416-03
SAMPLE TYPE				WATER	WATER	WATER
	CasNum	NY-TOGS-GA	Units	Results	Results	Results
Total Metals						
Arsenic, Total	7440-38-2	50	ug/l	18.63	2.81	3.12
Barium, Total	7440-39-3	2000	ug/l	94.76	70.89	60.93
Beryllium, Total	7440-41-7	3	ug/l	ND(0.25)	ND(0.25)	0.24
Cadmium, Total	7440-43-9	10	ug/l	ND(0.1)	ND(0.1)	0.64
Chromium, Total	7440-47-3	100	ug/l	2.45	2.37	63.28
Copper, Total	7440-50-8	1000	ug/l	2.78	3.7	31.18
Lead, Total	7439-92-1	50	ug/l	13.31	31.16	29.53
Manganese, Total	7439-96-5	600	ug/l	190	172.6	295.1
Mercury, Total	7439-97-6	1.4	ug/l	ND(0.1)	ND(0.1)	ND(0.1)
Nickel, Total	7440-02-0	200	ug/l	2.9	9.45	54.72
Selenium, Total	7782-49-2	20	ug/l	ND(2.5)	ND(2.5)	5.13
Silver, Total	7440-22-4	100	ug/l	ND(0.2)	ND(0.2)	ND(0.2)
Zinc, Total	7440-66-6	5000	ug/l	24.87	41.75	71.16

Notes:
ug/L = micrograms per liter (parts per billion)
ND (0.11) = Analyte not detected above laboratory reporting limit of 0.11 mg/kg
Bold values exceed one or more NYSDEC Criteria
NY-TOGS-GA: New York TOGS 1.1.1 Groundwater Effluent Limitations criteria reflects all addendum to criteria through June 2004.

TABLE 3
Summary of Soil Vapor Analytical Data
26 Clarence Avenue, Buffalo, New York

								VMP-1				VMP-2		VMP-3				VMP-4			
SAMPLE ID:								VMP-1				VMP-2		VMP-3				VMP-4			
LAB ID:								L2159157-03		L2219665-12		L2159157-04		L2159157-02		L2219665-11		L2159157-01		L2219665-06	
COLLECTION DATE:								10/28/2021		4/14/2022		10/28/2021		10/28/2021		4/14/2022		10/28/2021		4/14/2022	
SAMPLE MATRIX:								SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR	
		NY-SSC-A	NY-SSC-B	NY-SSC-C	NY-SSC-D	NY-SSC-E	NY-SSC-F	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
VOLATILE ORGANIC COMPOUNDS	CAS No.	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
Dichlorodifluoromethane	75-71-8	NS	NS	NS	NS	NS	NS	36.7	31.0	ND	18.1	1.55	1.52	ND	24.0	ND	9.89	ND	82.1	ND	26.1
Chloromethane	74-87-3	NS	NS	NS	NS	NS	NS	ND	12.9	ND	7.56	0.826	0.634	ND	10.0	ND	4.13	ND	34.3	ND	10.9
Freon-114	76-14-2	NS	NS	NS	NS	NS	NS	ND	43.8	ND	25.6	ND	2.15	ND	34.0	ND	14.0	ND	116	ND	36.9
Vinyl chloride	75-01-4	NS	NS	**60**	NS	NS	NS	ND	16.0	ND	9.36	ND	0.785	ND	12.4	ND	5.11	ND	42.4	ND	13.5
1,3-Butadiene	106-99-0	NS	NS	NS	NS	NS	NS	ND	13.9	ND	8.10	ND	0.679	ND	10.8	ND	4.42	ND	36.7	ND	11.7
Bromomethane	74-83-9	NS	NS	NS	NS	NS	NS	ND	24.3	ND	14.2	ND	1.19	ND	18.9	ND	7.77	ND	64.5	ND	20.5
Chloroethane	75-00-3	NS	NS	NS	NS	NS	NS	ND	16.5	ND	9.66	ND	0.810	ND	12.8	ND	5.28	ND	43.8	ND	13.9
Ethanol	64-17-5	NS	NS	NS	NS	NS	NS	667	296	ND	172	ND	14.4	ND	230	ND	94.2	ND	780	ND	249
Vinyl bromide	593-60-2	NS	NS	NS	NS	NS	NS	ND	27.4	ND	16.0	ND	1.34	ND	21.2	ND	8.74	ND	72.6	ND	23.1
Acetone	67-64-1	NS	NS	NS	NS	NS	NS	ND	74.6	46.3	43.5	ND	3.63	ND	57.7	86.2	23.8	ND	197	ND	62.7
Trichlorofluoromethane	75-69-4	NS	NS	NS	NS	NS	NS	ND	35.2	ND	20.6	ND	1.73	ND	27.3	ND	11.2	ND	93.3	ND	29.7
Isopropanol	67-63-0	NS	NS	NS	NS	NS	NS	460	38.6	ND	22.5	ND	1.88	6,880	30.0	27.3	12.3	322	102	ND	32.4
1,1-Dichloroethene	75-35-4	**60**	NS	NS	NS	NS	NS	56.3	24.9	ND	14.5	ND	1.22	ND	19.3	ND	7.93	ND	65.8	ND	20.9
Tertiary butyl Alcohol	75-65-0	NS	NS	NS	NS	NS	NS	ND	47.6	ND	27.7	ND	2.32	ND	37.0	ND	15.2	ND	126	ND	40.0
Methylene chloride	75-09-2	NS	**1,000**	NS	NS	NS	NS	ND	54.5	ND	31.8	ND	2.66	ND	42.4	ND	17.4	ND	144	ND	45.9
3-Chloropropene	107-05-1	NS	NS	NS	NS	NS	NS	ND	19.6	ND	11.5	ND	0.961	ND	15.2	ND	6.26	ND	52.0	ND	16.5
Carbon disulfide	75-15-0	NS	NS	NS	NS	NS	NS	ND	19.5	ND	11.4	ND	0.956	ND	15.1	ND	6.23	ND	51.7	ND	16.4
Freon-113	76-13-1	NS	NS	NS	NS	NS	NS	1,920	48.1	65.1	28.1	ND	2.35	187	37.3	53.6	15.3	745	127	ND	40.5
trans-1,2-Dichloroethene	156-60-5	NS	NS	NS	NS	NS	NS	235	24.9	185	14.5	ND	1.22	160	19.3	28.7	7.93	200	65.8	817	20.9
1,1-Dichloroethane	75-34-3	NS	NS	NS	NS	NS	NS	676	25.4	1250	14.8	ND	1.24	1,360	19.7	688	8.09	4,780	67.2	919	21.4
Methyl tert butyl ether	1634-04-4	NS	NS	NS	NS	NS	NS	ND	22.6	ND	13.2	ND	1.11	ND	18.5	ND	7.21	ND	59.8	ND	19.0
2-Butanone	78-93-3	NS	NS	NS	NS	NS	NS	ND	46.3	ND	27.0	ND	2.26	ND	36.0	ND	14.7	ND	122	ND	38.9
cis-1,2-Dichloroethene	156-59-2	**60**	NS	NS	NS	NS	NS	**3,810**	24.9	**702**	14.5	ND	1.22	**686**	19.3	**74.5**	7.93	**511**	65.8	**1,420**	20.9
Ethyl Acetate	141-78-6	NS	NS	NS	NS	NS	NS	ND	56.6	ND	32.9	ND	2.76	ND	44.0	ND	18.0	ND	149	ND	47.6
Chloroform	67-66-3	NS	NS	NS	NS	NS	NS	79.1	30.6	39.2	17.9	ND	1.50	39.4	23.7	53.2	9.77	391	81.1	430	25.8
Tetrahydrofuran	109-99-9	NS	NS	NS	NS	NS	NS	ND	46.3	ND	27.0	ND	2.26	ND	36.0	ND	14.7	ND	122	ND	38.9
1,2-Dichloroethane	107-06-2	NS	NS	NS	NS	NS	NS	ND	25.4	ND	14.8	ND	1.24	ND	19.7	ND	8.09	ND	67.2	ND	21.4
n-Hexane	110-54-3	NS	NS	NS	NS	**6.0**	NS	ND	22.1	ND	12.9	ND	1.08	**150**	17.1	ND	7.05	ND	58.5	ND	18.6
1,1,1-Trichloroethane	71-55-6	NS	**1,000**	NS	NS	NS	NS	**2,390**	34.2	**3,060**	20.0	ND	1.68	**2,980**	26.5	**1,690**	10.9	**15,000**	90.6	**4,110**	28.8
Benzene	71-43-2	NS	NS	NS	**2.0**	NS	NS	ND	20.0	ND	11.7	ND	0.981	ND	15.5	ND	6.39	ND	53.0	ND	16.9
Carbon tetrachloride	56-23-5	**60**	NS	NS	NS	NS	NS	ND	39.4	ND	23.0	ND	1.93	ND	30.6	ND	12.6	ND	104	ND	33.2
Cyclohexane	110-82-7	NS	NS	NS	**2.0**	NS	NS	ND	21.6	ND	12.6	ND	1.06	**66.1**	16.7	ND	6.88	ND	57.1	**20**	18.2
1,2-Dichloropropane	78-87-5	NS	NS	NS	NS	NS	NS	ND	29.0	ND	16.9	ND	1.42	ND	22.5	ND	9.24	ND	76.7	ND	24.4
Bromodichloromethane	75-27-4	NS	NS	NS	NS	NS	NS	ND	42.0	ND	24.5	ND	2.06	ND	32.6	ND	13.4	ND	111	144	35.4
1,4-Dioxane	123-91-1	NS	NS	NS	NS	NS	NS	ND	22.6	ND	13.2	ND	1.11	ND	17.5	ND	7.21	ND	59.8	ND	19.0
Trichloroethene	79-01-6	**60**	NS	NS	NS	NS	NS	**25,900**	33.7	**7,850**	336	ND	1.65	**6,990**	26.1	**860**	10.7	**6,400**	89.2	**11,300**	28.4
2,2,4-Trimethylpentane	540-84-1	NS	NS	NS	NS	NS	NS	ND	29.3	ND	17.1	ND	1.43	ND	22.7	ND	9.34	ND	77.5	ND	24.7
Heptane	142-82-5	NS	NS	NS	NS	**6.0**	NS	**167**	25.7	ND	15.0	ND	1.26	**104**	19.9	ND	8.20	ND	68.0	ND	21.6
cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	NS	NS	NS	ND	28.5	ND	16.6	ND	1.39	ND	22.1	ND	9.08	ND	75.4	ND	24.0
4-Methyl-2-pentanone	108-10-1	NS	NS	NS	NS	NS	NS	ND	64.3	ND	37.5	ND	3.14	ND	50.0	ND	20.5	ND	170	ND	54.1
trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	NS	NS	NS	ND	28.5	ND	16.6	ND	1.39	ND	22.1	ND	9.08	ND	75.4	ND	24.0
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	NS	NS	NS	ND	34.2	ND	20.0	ND	1.68	ND	26.5	ND	10.9	ND	90.6	ND	28.8
Toluene	108-88-3	NS	NS	NS	NS	NS	**10**	**82.5**	23.6	ND	13.8	ND	1.16	ND	18.3	**10.7**	7.54	ND	62.6	ND	19.9
2-Hexanone	591-78-6	NS	NS	NS	NS	NS	NS	ND	25.7	ND	15.0	ND	1.26	ND	19.9	ND	8.20	ND	68.0	ND	21.6
Dibromochloromethane	124-48-1	NS	NS	NS	NS	NS	NS	ND	53.4	ND	31.2	ND	2.62	ND	41.4	ND	17.0	ND	141	ND	45.0
1,2-Dibromoethane	106-93-4	NS	NS	NS	NS	NS	NS	ND	48.2	ND	28.1	ND	2.36	ND	37.3	ND	15.4	ND	128	ND	40.6

TABLE 3
Summary of Soil Vapor Analytical Data
26 Clarence Avenue, Buffalo, New York

								SAMPLE ID:	VMP-1				VMP-2		VMP-3				VMP-4			
								LAB ID:	L2159157-03		L2219665-12		L2159157-04		L2159157-02		L2219665-11		L2159157-01		L2219665-06	
								COLLECTION DATE:	10/28/2021		4/14/2022		10/28/2021		10/28/2021		4/14/2022		10/28/2021		4/14/2022	
								SAMPLE MATRIX:	SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR	
		NY-SSC-A	NY-SSC-B	NY-SSC-C	NY-SSC-D	NY-SSC-E	NY-SSC-F		Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
VOLATILE ORGANIC COMPOUNDS	CAS No.	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)		(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
Tetrachloroethene	127-18-4	NS	**1,000**	NS	NS	NS	NS		**57,600**	42.5	**3,180**	424	ND	2.08	**3,470**	33.0	**3,820**	13.6	**35,000**	113	**70,500**	232
Chlorobenzene	108-90-7	NS	NS	NS	NS	NS	NS		ND	28.9	ND	16.9	ND	1.41	ND	22.4	ND	9.21	ND	76.4	ND	24.3
Ethylbenzene	100-41-4	NS	NS	NS	**2.0**	NS	NS		ND	27.2	ND	15.9	ND	1.33	ND	21.1	ND	8.69	ND	72.1	ND	22.9
p/m-Xylene	179601-23-1	NS	NS	NS	NS	**6.0**	NS		ND	54.3	ND	31.8	ND	2.66	ND	42.2	ND	17.4	ND	144	ND	46.0
Bromoform	75-25-2	NS	NS	NS	NS	NS	NS		ND	64.8	ND	37.8	ND	3.17	ND	50.2	ND	20.7	ND	172	ND	54.6
Styrene	100-42-5	NS	NS	NS	NS	NS	NS		ND	26.7	ND	15.6	ND	1.31	ND	20.7	ND	8.52	ND	70.7	ND	22.5
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	NS	NS	NS		ND	43.1	ND	25.1	ND	2.11	ND	33.4	ND	13.7	ND	114	ND	36.3
o-Xylene	95-47-6	NS	NS	NS	**2.0**	NS	NS		ND	27.2	ND	15.9	ND	1.33	ND	21.1	ND	8.69	ND	72.1	ND	22.9
4-Ethyltoluene	622-96-8	NS	NS	NS	NS	NS	NS		ND	30.8	ND	18.0	ND	1.51	ND	23.9	ND	9.83	ND	81.6	ND	26.0
1,3,5-Trimethylbenzene	108-67-8	NS	NS	NS	NS	NS	NS		ND	30.8	ND	18.0	ND	1.51	ND	23.9	ND	9.83	ND	81.6	ND	26.0
1,2,4-Trimethylbenzene	95-63-6	NS	NS	NS	NS	NS	NS		ND	30.8	ND	18.0	ND	1.51	ND	23.9	ND	9.83	ND	81.6	ND	26.0
Benzyl chloride	100-44-7	NS	NS	NS	NS	NS	NS		ND	32.5	ND	19.0	ND	1.59	ND	25.2	ND	10.4	ND	86.0	ND	27.3
1,3-Dichlorobenzene	541-73-1	NS	NS	NS	NS	NS	NS		ND	37.7	ND	22.0	ND	1.85	ND	29.2	ND	12.0	ND	99.8	ND	31.7
1,4-Dichlorobenzene	106-46-7	NS	NS	NS	NS	NS	NS		ND	37.7	ND	22.0	ND	1.85	ND	29.2	ND	12.0	ND	99.8	ND	31.7
1,2-Dichlorobenzene	95-50-1	NS	NS	NS	NS	NS	NS		ND	37.7	ND	22.0	ND	1.85	ND	29.2	ND	12.0	ND	99.8	ND	31.7
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	NS	NS	NS		ND	46.5	ND	27.2	ND	2.28	ND	36.1	ND	14.8	ND	123	ND	39.2
Hexachlorobutadiene	87-68-3	NS	NS	NS	NS	NS	NS		ND	66.9	ND	39.0	ND	3.27	ND	51.8	ND	21.3	ND	177	ND	56.3

Notes:
ug/m3 = micrograms per cubic meter
ND = none detected. NS = no standard established for this parameter.
Conc = concentration. RL = reporting limit.
NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
Bold and highlighted values exceed the Maximum New York DOH soil vapor criteria.

TABLE 3
Summary of Soil Vapor Analytical Data
26 Clarence Avenue, Buffalo, New York

					VMP-6		VMP-8		VMP-11		VMP-13		VMP-14		VMP-15		VMP-16	
					L2219665-08		L2219665-10		L2219665-07		L2219665-09		L2219665-14		L2219665-15		L2219665-13	
					4/14/2022		4/14/2022		4/14/2022		4/14/2022		4/14/2022		4/14/2022		4/14/2022	
					SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR	
		NY-SSC-A	NY-SSC-B	NY-SSC-C	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
VOLATILE ORGANIC COMPOUNDS	CAS No.	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
Dichlorodifluoromethane	75-71-8	NS	NS	NS	ND	40.4	ND	60.3	ND	4.94	ND	18.9	ND	539	ND	8.26	ND	23.4
Chloromethane	74-87-3	NS	NS	NS	ND	16.9	ND	25.2	ND	2.07	ND	7.89	ND	225	ND	3.45	ND	9.79
Freon-114	76-14-2	NS	NS	NS	ND	57.1	ND	85.3	ND	6.99	ND	26.7	ND	762	ND	11.7	ND	33.1
Vinyl chloride	75-01-4	NS	NS	**60**	ND	20.9	**320**	31.2	ND	2.56	ND	9.76	**1,590**	279	ND	4.27	ND	12.1
1,3-Butadiene	106-99-0	NS	NS	NS	ND	18.1	ND	27.0	ND	2.21	ND	8.45	ND	241	ND	3.69	ND	10.5
Bromomethane	74-83-9	NS	NS	NS	ND	31.7	ND	47.4	ND	3.88	ND	14.8	ND	423	ND	6.48	ND	18.4
Chloroethane	75-00-3	NS	NS	NS	ND	21.6	ND	32.2	ND	2.64	ND	10.1	ND	288	ND	4.41	ND	12.5
Ethanol	64-17-5	NS	NS	NS	ND	384	ND	577	127	47.1	ND	180	ND	5,130	139	78.6	ND	224
Vinyl bromide	593-60-2	NS	NS	NS	ND	35.7	ND	53.3	ND	4.37	ND	16.7	ND	477	ND	7.30	ND	20.7
Acetone	67-64-1	NS	NS	NS	ND	96.9	ND	145	39.4	11.9	95.0	45.4	ND	1,290	33.3	19.8	57	56.3
Trichlorofluoromethane	75-69-4	NS	NS	NS	ND	45.9	ND	68.6	ND	5.62	ND	21.5	ND	613	ND	9.38	ND	26.6
Isopropanol	67-63-0	NS	NS	NS	ND	50.1	ND	75.2	26.5	6.15	47.9	23.5	1,410	669	61.2	10.3	ND	29.3
1,1-Dichloroethene	75-35-4	**60**	NS	NS	ND	32.4	ND	48.4	ND	3.96	ND	15.1	ND	432	ND	6.62	55.9	18.8
Tertiary butyl Alcohol	75-65-0	NS	NS	NS	ND	61.8	ND	92.8	ND	7.58	ND	28.9	ND	825	ND	12.6	ND	36.1
Methylene chloride	75-09-2	NS	**1,000**	NS	ND	70.9	ND	106	ND	8.69	ND	33.1	ND	945	ND	14.5	ND	41.3
3-Chloropropene	107-05-1	NS	NS	NS	ND	25.6	ND	38.2	ND	3.13	ND	12.0	ND	341	ND	5.23	ND	14.8
Carbon disulfide	75-15-0	NS	NS	NS	ND	25.4	ND	38.0	ND	3.11	ND	11.9	ND	339	ND	5.20	ND	14.8
Freon-113	76-13-1	NS	NS	NS	ND	62.6	496	93.5	ND	7.66	92	29.3	ND	835	12.9	12.8	37.8	36.3
trans-1,2-Dichloroethene	156-60-5	NS	NS	NS	ND	32.4	73.3	48.4	8.64	3.96	66.6	15.1	ND	432	ND	6.62	1,450	18.8
1,1-Dichloroethane	75-34-3	NS	NS	NS	51.4	33.1	2,850	49.4	ND	4.05	226	15.5	ND	441	92.3	6.76	5,830	19.2
Methyl tert butyl ether	1634-04-4	NS	NS	NS	ND	29.5	ND	44.0	ND	3.61	ND	13.8	ND	393	ND	6.02	ND	17.1
2-Butanone	78-93-3	NS	NS	NS	ND	60.2	ND	90.2	12.0	7.37	ND	28.1	ND	802	ND	12.3	ND	35.1
cis-1,2-Dichloroethene	156-59-2	**60**	NS	NS	**65.4**	32.4	**9,750**	48.4	4.68	3.96	**785**	15.1	ND	432	ND	6.62	**2,220**	18.8
Ethyl Acetate	141-78-6	NS	NS	NS	ND	73.5	ND	110	ND	9.01	ND	34.4	ND	980	ND	15.0	ND	42.9
Chloroform	67-66-3	NS	NS	NS	ND	39.9	ND	59.6	ND	4.88	ND	18.7	ND	532	ND	8.16	231	23.1
Tetrahydrofuran	109-99-9	NS	NS	NS	ND	60.2	ND	90.2	ND	7.37	ND	28.1	ND	802	ND	12.3	ND	35.1
1,2-Dichloroethane	107-06-2	NS	NS	NS	ND	33.1	ND	49.4	ND	4.05	ND	15.5	ND	441	ND	6.76	ND	19.2
n-Hexane	110-54-3	NS	NS	NS	ND	28.8	ND	43.0	ND	3.52	ND	13.5	**171,000**	384	ND	5.89	ND	16.7
1,1,1-Trichloroethane	71-55-6	NS	**1,000**	NS	188	44.6	**9,060**	66.6	**1,030**	5.46	818	20.8	ND	595	**2,520**	9.11	**7,580**	25.9
Benzene	71-43-2	NS	NS	NS	ND	26.1	ND	39.0	ND	3.19	ND	12.2	ND	348	ND	5.34	ND	15.1
Carbon tetrachloride	56-23-5	**60**	NS	NS	ND	51.4	ND	76.7	ND	6.29	ND	24.0	ND	686	ND	10.5	ND	29.8
Cyclohexane	110-82-7	NS	NS	NS	ND	28.1	**55.1**	42.0	ND	3.44	ND	13.1	**43,400**	375	ND	5.75	ND	16.3
1,2-Dichloropropane	78-87-5	NS	NS	NS	ND	37.8	ND	56.4	ND	4.62	ND	17.7	ND	504	ND	7.72	ND	21.9
Bromodichloromethane	75-27-4	NS	NS	NS	ND	54.7	ND	81.7	ND	6.7	ND	25.6	ND	730	ND	11.2	ND	31.8
1,4-Dioxane	123-91-1	NS	NS	NS	ND	29.4	ND	44.0	ND	3.6	ND	13.8	ND	393	11.9	6.02	19.8	17.1
Trichloroethene	79-01-6	**60**	NS	NS	**18,100**	43.9	**1,030**	65.6	**1,910**	5.37	**9,240**	20.5	ND	586	**230**	8.97	**11,100**	25.5
2,2,4-Trimethylpentane	540-84-1	NS	NS	NS	ND	38.2	ND	57.0	ND	4.67	ND	17.8	ND	509	ND	7.80	ND	22.1
Heptane	142-82-5	NS	NS	NS	ND	33.5	ND	50.0	ND	4.10	ND	15.7	**29,500**	447	ND	6.84	ND	19.4
cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	ND	37.1	ND	55.4	ND	4.54	ND	17.3	ND	495	ND	7.58	ND	21.5
4-Methyl-2-pentanone	108-10-1	NS	NS	NS	ND	83.6	ND	125	ND	10.2	ND	39.1	ND	1,110	ND	17.1	ND	48.8
trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	ND	37.1	ND	55.4	ND	4.54	ND	17.3	ND	495	ND	7.58	ND	21.5
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	ND	44.6	ND	66.6	ND	5.46	ND	20.8	ND	595	ND	9.11	ND	25.9
Toluene	108-88-3	NS	NS	NS	ND	30.8	**53.1**	46.0	**18.4**	3.77	ND	14.4	ND	411	6.67	6.29	ND	17.9
2-Hexanone	591-78-6	NS	NS	NS	ND	33.5	ND	50.0	ND	4.10	ND	15.7	ND	447	ND	6.84	ND	19.4
Dibromochloromethane	124-48-1	NS	NS	NS	ND	69.6	ND	104	ND	8.52	ND	32.5	ND	929	ND	14.2	ND	40.4
1,2-Dibromoethane	106-93-4	NS	NS	NS	ND	62.8	ND	93.8	ND	7.69	ND	29.4	ND	838	ND	12.8	ND	36.4

TABLE 3
Summary of Soil Vapor Analytical Data
26 Clarence Avenue, Buffalo, New York

					VMP-6		VMP-8		VMP-11		VMP-13		VMP-14		VMP-15		VMP-16	
					L2219665-08		L2219665-10		L2219665-07		L2219665-09		L2219665-14		L2219665-15		L2219665-13	
					4/14/2022		4/14/2022		4/14/2022		4/14/2022		4/14/2022		4/14/2022		4/14/2022	
					SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR		SOIL_VAPOR	
		NY-SSC-A	NY-SSC-B	NY-SSC-C	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL	Conc	RL
VOLATILE ORGANIC COMPOUNDS	CAS No.	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)	(ug/m3)
Tetrachloroethene	127-18-4	NS	**1,000**	NS	**1,670**	55.4	**30,200**	82.7	614	6.78	**4,730**	25.9	**1,270**	739	**3,560**	11.3	183	32.1
Chlorobenzene	108-90-7	NS	NS	NS	ND	37.6	ND	56.2	ND	4.61	ND	17.6	ND	502	ND	7.69	ND	21.8
Ethylbenzene	100-41-4	NS	NS	NS	ND	35.5	ND	53.0	ND	4.34	ND	16.6	ND	473	ND	7.25	ND	20.6
p/m-Xylene	179601-23-1	NS	NS	NS	ND	70.8	ND	106	ND	8.69	ND	33.1	ND	943	ND	14.5	ND	41.2
Bromoform	75-25-2	NS	NS	NS	ND	84.5	ND	126	ND	10.3	ND	39.5	ND	1,130	ND	17.3	ND	49
Styrene	100-42-5	NS	NS	NS	ND	34.8	ND	51.9	ND	4.26	ND	16.3	ND	464	ND	7.11	ND	20.2
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	ND	56.1	ND	83.8	ND	6.87	ND	26.2	ND	749	ND	11.5	ND	32.5
o-Xylene	95-47-6	NS	NS	NS	ND	35.5	ND	53.0	ND	4.34	ND	16.6	ND	473	ND	7.25	ND	20.6
4-Ethyltoluene	622-96-8	NS	NS	NS	ND	40.2	ND	60.0	ND	4.92	ND	18.8	ND	536	ND	8.21	ND	23.3
1,3,5-Trimethylbenzene	108-67-8	NS	NS	NS	ND	40.2	ND	60.0	ND	4.92	ND	18.8	ND	536	ND	8.21	ND	23.3
1,2,4-Trimethylbenzene	95-63-6	NS	NS	NS	ND	40.2	ND	60.0	ND	4.92	ND	18.8	ND	536	ND	8.21	ND	23.3
Benzyl chloride	100-44-7	NS	NS	NS	ND	42.3	ND	63.2	ND	5.18	ND	19.8	ND	564	ND	8.65	ND	24.5
1,3-Dichlorobenzene	541-73-1	NS	NS	NS	ND	49.1	ND	73.3	ND	6.01	ND	23.0	ND	655	ND	10.0	ND	28.5
1,4-Dichlorobenzene	106-46-7	NS	NS	NS	ND	49.1	ND	73.3	ND	6.01	ND	23.0	ND	655	ND	10.0	ND	28.5
1,2-Dichlorobenzene	95-50-1	NS	NS	NS	ND	49.1	ND	73.3	ND	6.01	ND	23.0	ND	655	ND	10.0	ND	28.5
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	ND	60.6	ND	90.6	ND	7.42	ND	28.4	ND	809	ND	12.4	ND	35.2
Hexachlorobutadiene	87-68-3	NS	NS	NS	ND	87.1	ND	130	ND	10.7	ND	40.7	ND	1160	ND	17.8	ND	50.6

Notes:
ug/m3 = micrograms per cubic meter
ND = none detected. NS = no standard established for this parameter.
Conc = concentration. RL = reporting limit.
NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance f
NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance f
NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria per Guidance f
Bold and highlighted values exceed the Maximum New York DOH soil vapor criteria.

TABLE 4
Summary of Indoor Air Analytical Data
26 Clarence Avenue, Buffalo, New York

	SAMPLE ID:	IA-1		IA-2		IA-3		IA-4		EXTERIOR		NYS DOH Indoor Air Criteria					
	LAB ID:	L2219665-01		L2219665-02		L2219665-03		L2219665-04		L2219665-05							
	SAMPLE DATE:	4/14/2022		4/14/2022		4/14/2022		4/14/2022		4/14/2022							
	SAMPLE MATRIX:	AIR		AIR		AIR		AIR		AIR							
												NY-IAC-A	NY-IAC-B	NY-IAC-C	NY-IAC-D	NY-IAC-E	NY-IAC-F
ANALYTE	**CAS No.**	**Conc**	**RL**	**Conc**	**RL**	**Conc**	**RL**	**Conc**	**RL**	**Conc**	**RL**	**(ug/m3)**	**(ug/m3)**	**(ug/m3)**	**(ug/m3)**	**(ug/m3)**	**(ug/m3)**
VOLATILE ORGANICS IN AIR																	
Dichlorodifluoromethane	75-71-8	2.49	0.989	2.4	0.989	2.5	0.989	2.56	0.989	2.63	0.989	NS	NS	NS	NS	NS	NS
Chloromethane	74-87-3	1.3	0.413	1.33	0.413	1.27	0.413	1.27	0.413	1.27	0.413	NS	NS	NS	NS	NS	NS
Freon-114	76-14-2	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	1.4	NS	NS	NS	NS	NS	NS
Vinyl chloride	75-01-4	ND	0.051	ND	0.051	ND	0.051	ND	0.051	ND	0.051	NS	NS	**0.2**	NS	NS	NS
1,3-Butadiene	106-99-0	ND	0.442	ND	0.442	ND	0.442	ND	0.442	ND	0.442	NS	NS	NS	NS	NS	NS
Bromomethane	74-83-9	ND	0.777	ND	0.777	ND	0.777	ND	0.777	ND	0.777	NS	NS	NS	NS	NS	NS
Chloroethane	75-00-3	ND	0.528	ND	0.528	ND	0.528	ND	0.528	ND	0.528	NS	NS	NS	NS	NS	NS
Ethanol	64-17-5	53.7	9.42	59.7	9.42	101	9.42	32.6	9.42	ND	9.42	NS	NS	NS	NS	NS	NS
Vinyl bromide	593-60-2	ND	0.874	ND	0.874	ND	0.874	ND	0.874	ND	0.874	NS	NS	NS	NS	NS	NS
Acetone	67-64-1	91.5	2.38	93.1	2.38	111	2.38	62.5	2.38	8.1	2.38	NS	NS	NS	NS	NS	NS
Trichlorofluoromethane	75-69-4	1.32	1.12	1.26	1.12	1.28	1.12	1.33	1.12	1.21	1.12	NS	NS	NS	NS	NS	NS
Isopropanol	67-63-0	312	1.23	233	1.23	117	1.23	76.7	1.23	1.39	1.23	NS	NS	NS	NS	NS	NS
1,1-Dichloroethene	75-35-4	ND	0.079	ND	0.079	ND	0.079	ND	0.079	ND	0.079	**0.2**	NS	NS	NS	NS	NS
Tertiary butyl Alcohol	75-65-0	ND	1.52	ND	1.52	ND	1.52	ND	1.52	ND	1.52	NS	NS	NS	NS	NS	NS
Methylene chloride	75-09-2	ND	1.74	ND	1.74	ND	1.74	ND	1.74	ND	1.74	NS	**3.0**	NS	NS	NS	NS
3-Chloropropene	107-05-1	ND	0.626	ND	0.626	ND	0.626	ND	0.626	ND	0.626	NS	NS	NS	NS	NS	NS
Carbon disulfide	75-15-0	ND	0.623	ND	0.623	ND	0.623	ND	0.623	ND	0.623	NS	NS	NS	NS	NS	NS
Freon-113	76-13-1	ND	1.53	ND	1.53	ND	1.53	ND	1.53	ND	1.53	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene	156-60-5	ND	0.793	ND	0.793	ND	0.793	ND	0.793	ND	0.793	NS	NS	NS	NS	NS	NS
1,1-Dichloroethane	75-34-3	ND	0.809	ND	0.809	ND	0.809	ND	0.809	ND	0.809	NS	NS	NS	NS	NS	NS
Methyl tert butyl ether	1634-04-4	ND	0.721	ND	0.721	ND	0.721	ND	0.721	ND	0.721	NS	NS	NS	NS	NS	NS
2-Butanone	78-93-3	14.7	1.47	14.7	1.47	26	1.47	2.57	1.47	ND	1.47	NS	NS	NS	NS	NS	NS
cis-1,2-Dichloroethene	156-59-2	0.127	0.079	0.155	0.079	0.123	0.079	ND	0.079	ND	0.079	**0.2**	NS	NS	NS	NS	NS
Ethyl Acetate	141-78-6	2.5	1.8	2.93	1.8	3.38	1.8	ND	1.8	ND	1.8	NS	NS	NS	NS	NS	NS
Chloroform	67-66-3	ND	0.977	ND	0.977	ND	0.977	ND	0.977	ND	0.977	NS	NS	NS	NS	NS	NS
Tetrahydrofuran	109-99-9	ND	1.47	1.54	1.47	1.62	1.47	ND	1.47	ND	1.47	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	107-06-2	ND	0.809	ND	0.809	ND	0.809	ND	0.809	ND	0.809	NS	NS	NS	NS	NS	NS
n-Hexane	110-54-3	ND	0.705	ND	0.705	ND	0.705	ND	0.705	ND	0.705	NS	NS	NS	NS	**6.0**	NS
1,1,1-Trichloroethane	71-55-6	0.273	0.109	0.376	0.109	0.311	0.109	0.289	0.109	ND	0.109	NS	**3.0**	NS	NS	NS	NS
Benzene	71-43-2	ND	0.639	ND	0.639	ND	0.639	ND	0.639	ND	0.639	NS	NS	NS	**2.0**	NS	NS
Carbon tetrachloride	56-23-5	**0.522**	0.126	**0.497**	0.126	**0.497**	0.126	**0.491**	0.126	**0.484**	0.126	**0.2**	NS	NS	NS	NS	NS
Cyclohexane	110-82-7	ND	0.688	ND	0.688	ND	0.688	ND	0.688	ND	0.688	NS	NS	NS	**2.0**	NS	NS
1,2-Dichloropropane	78-87-5	ND	0.924	ND	0.924	ND	0.924	ND	0.924	ND	0.924	NS	NS	NS	NS	NS	NS
Bromodichloromethane	75-27-4	ND	1.34	ND	1.34	ND	1.34	ND	1.34	ND	1.34	NS	NS	NS	NS	NS	NS
1,4-Dioxane	123-91-1	ND	0.721	ND	0.721	ND	0.721	ND	0.721	ND	0.721	NS	NS	NS	NS	NS	NS
Trichloroethene	79-01-6	**0.747**	0.107	**0.747**	0.107	**0.634**	0.107	**0.349**	0.107	ND	0.107	**0.2**	NS	NS	NS	NS	NS
2,2,4-Trimethylpentane	540-84-1	ND	0.934	ND	0.934	ND	0.934	ND	0.934	ND	0.934	NS	NS	NS	NS	NS	NS
Heptane	142-82-5	**6.52**	0.82	**13.6**	0.82	**111**	0.82	ND	0.82	ND	0.82	NS	NS	NS	NS	**6.0**	NS
cis-1,3-Dichloropropene	10061-01-5	ND	0.908	ND	0.908	ND	0.908	ND	0.908	ND	0.908	NS	NS	NS	NS	NS	NS
4-Methyl-2-pentanone	108-10-1	ND	2.05	ND	2.05	ND	2.05	ND	2.05	ND	2.05	NS	NS	NS	NS	NS	NS
trans-1,3-Dichloropropene	10061-02-6	ND	0.908	ND	0.908	ND	0.908	ND	0.908	ND	0.908	NS	NS	NS	NS	NS	NS
1,1,2-Trichloroethane	79-00-5	ND	1.09	ND	1.09	ND	1.09	ND	1.09	ND	1.09	NS	NS	NS	NS	NS	NS
Toluene	108-88-3	**32.1**	0.754	**35.5**	0.754	**94.2**	0.754	3.69	0.754	ND	0.754	NS	NS	NS	NS	NS	**10**
2-Hexanone	591-78-6	ND	0.82	ND	0.82	ND	0.82	ND	0.82	ND	0.82	NS	NS	NS	NS	NS	NS
Dibromochloromethane	124-48-1	ND	1.7	ND	1.7	ND	1.7	ND	1.7	ND	1.7	NS	NS	NS	NS	NS	NS
1,2-Dibromoethane	106-93-4	ND	1.54	ND	1.54	ND	1.54	ND	1.54	ND	1.54	NS	NS	NS	NS	NS	NS
Tetrachloroethene	127-18-4	1.95	0.136	2.79	0.136	2.67	0.136	1.74	0.136	ND	0.136	NS	**3.0**	NS	NS	NS	NS
Chlorobenzene	108-90-7	ND	0.921	ND	0.921	ND	0.921	ND	0.921	ND	0.921	NS	NS	NS	NS	NS	NS
Ethylbenzene	100-41-4	ND	0.869	ND	0.869	**2.23**	0.869	ND	0.869	ND	0.869	NS	NS	NS	**2.0**	NS	NS
p/m-Xylene	179601-23-1	1.99	1.74	2.32	1.74	**9.56**	1.74	ND	1.74	ND	1.74	NS	NS	NS	NS	**6.0**	NS
Bromoform	75-25-2	ND	2.07	ND	2.07	ND	2.07	ND	2.07	ND	2.07	NS	NS	NS	NS	NS	NS
Styrene	100-42-5	ND	0.852	ND	0.852	ND	0.852	ND	0.852	ND	0.852	NS	NS	NS	NS	NS	NS
1,1,2,2-Tetrachloroethane	79-34-5	ND	1.37	ND	1.37	ND	1.37	ND	1.37	ND	1.37	NS	NS	NS	NS	NS	NS
o-Xylene	95-47-6	ND	0.869	ND	0.869	**2.29**	0.869	ND	0.869	ND	0.869	NS	NS	NS	**2.0**	NS	NS
4-Ethyltoluene	622-96-8	ND	0.983	ND	0.983	ND	0.983	ND	0.983	ND	0.983	NS	NS	NS	NS	NS	NS
1,3,5-Trimethylbenzene	108-67-8	ND	0.983	ND	0.983	ND	0.983	ND	0.983	ND	0.983	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	95-63-6	ND	0.983	ND	0.983	ND	0.983	ND	0.983	ND	0.983	NS	NS	NS	NS	NS	NS
Benzyl chloride	100-44-7	ND	1.04	ND	1.04	ND	1.04	ND	1.04	ND	1.04	NS	NS	NS	NS	NS	NS
1,3-Dichlorobenzene	541-73-1	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2	NS	NS	NS	NS	NS	NS
1,4-Dichlorobenzene	106-46-7	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2	NS	NS	NS	NS	NS	NS
1,2-Dichlorobenzene	95-50-1	ND	1.2	ND	1.2	ND	1.2	ND	1.2	ND	1.2	NS	NS	NS	NS	NS	NS
1,2,4-Trichlorobenzene	120-82-1	ND	1.48	ND	1.48	ND	1.48	ND	1.48	ND	1.48	NS	NS	NS	NS	NS	NS
Hexachlorobutadiene	87-68-3	ND	2.13	ND	2.13	ND	2.13	ND	2.13	ND	2.13	NS	NS	NS	NS	NS	NS

Notes:
ug/m3 = micrograms per cubic meter
ND = none detected. NS = no standard established for this parameter.
Conc = concentration. RL = reporting limit.
NY-IAC-A: NY - New York DOH Matrix A Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-IAC-B: NY - New York DOH Matrix B Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
NY-IAC-C: NY - New York DOH Matrix C Indoor Air Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
Bold and highlighted values exceed the Maximum New York DOH soil vapor criteria.

APPENDIX A

Brownfield Cleanup Program Agreement (Executed)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Office of the Director
625 Broadway, 12th Floor, Albany, New York 12233-7011
P: (518) 402-9706 | F: (518) 402-9020
www.dec.ny.gov

July 26, 2023

Baby's in Black, LLC
Felix A. Perriello
160 Middlesex Turnpike
Bedford, MA 01730

RE: Site Name: F.W. Webb Company
Site No.: C915383
Location of Site: 26 Clarence Avenue, Buffalo, Erie County, New York 14215

Dear Felix A. Perriello,

To complete your file, attached is a fully executed copy of the Brownfield Cleanup Agreement for the F.W. Webb Company site.

If you have any further questions relating to this matter, please contact the project attorney for this site, Gregory Scholand, Esq., NYS Department of Environmental Conservation, Office of General Counsel, 700 Delaware Avenue, Buffalo, NY 14209 or by email at gregory.scholand@dec.ny.gov.

Sincerely,

Andrew Guglielmi

Andrew O. Guglielmi, Director
Division of Environmental Remediation

Enclosure

ec: Taylor Monnin, Project Manager

cc: Gregory Scholand, Esq.
Michael Murphy, Esq./Cheryl Salem

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
BROWNFIELD CLEANUP PROGRAM
ECL §27-1401 *et seq.*

In the Matter of a Remedial Program for

BROWNFIELD SITE CLEANUP AGREEMENT
Index No.C915383-06-23

F.W. Webb Company
DEC Site No: C915383
Located at: 26 Clarence Avenue
Erie County
Buffalo, NY 14215

Hereinafter referred to as "Site"

by:

Baby's In Black, LLC
160 Middlesex Turnpike, Bedford, MA 01730

Hereinafter referred to as "Applicant"

WHEREAS, the Department of Environmental Conservation ("Department") is authorized to administer the Brownfield Cleanup Program ("BCP") set forth in Article 27, Title 14 of the Environmental Conservation Law ("ECL"); and

WHEREAS, the Applicant submitted an application received by the Department on February 1, 2023; and

WHEREAS, the Department has determined that the Site and Applicant are eligible to participate in the BCP.

NOW, THEREFORE, IN CONSIDERATION OF AND IN EXCHANGE FOR THE MUTUAL COVENANTS AND PROMISES, THE PARTIES AGREE TO THE FOLLOWING:

I. Applicant Status

The Applicant, Baby's In Black, LLC, is participating in the BCP as a Volunteer as defined in ECL 27-1405(1)(b).

II. Tangible Property Tax Credit Status

The Site is not located in a city having a population of one million or more. It is therefore presumed that the Site is eligible for tangible property tax credits.

III. Real Property

The Site subject to this Brownfield Cleanup Agreement (the "BCA" or "Agreement") consists of approximately 1.08 acres, a Map of which is attached as Exhibit "A", and is described as follows:

Tax Map/Parcel No.: 90.39-2-8.1
Street Address: 26 Clarence Avenue, Buffalo
Owner: Baby's In Black, LLC

IV. Communications

A. All written communications required by this Agreement shall be transmitted by United States Postal Service, by private courier service, by hand delivery, or by electronic mail.

1. Communication from Applicant shall be sent to:

Taylor Monnin
New York State Department of Environmental Conservation
Division of Environmental Remediation
700 Delaware Ave
Buffalo, NY 14209-2202
taylor.monnin@dec.ny.gov

Note: one hard copy (unbound) of work plans and reports is required, as well as one electronic copy.

Christine Vooris (electronic copy only)
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza
Corning Tower Room 1787
Albany, NY 12237
christine.vooris@health.ny.gov

Gregory Scholand, Esq. (correspondence only)
New York State Department of Environmental Conservation
Office of General Counsel
700 Delaware Ave
Buffalo, NY 14209-2202
gregory.scholand@dec.ny.gov

2. Communication from the Department to Applicant shall be sent to:

Baby's In Black, LLC
Attn: Felix A. Perriello
160 Middlesex Turnpike
Bedford, MA 01730
felix.perriello@fwwebb.com

B. The Department and Applicant reserve the right to designate additional or different addressees for communication on written notice to the other. Additionally, the Department reserves the right to request that the applicant provide more than one paper copy of any work plan or report.

C. Each party shall notify the other within ninety (90) days after any change in the addresses listed in this paragraph or in Paragraph III.

V. Miscellaneous

A. Applicant acknowledges that it has read, understands, and agrees to abide by all the terms set forth in Appendix A - "Standard Clauses for All New York State Brownfield Site Cleanup Agreements" which is attached to and hereby made a part of this Agreement as if set forth fully herein.

B. In the event of a conflict between the terms of this BCA (including any and all attachments thereto and amendments thereof) and the terms of Appendix A, the terms of this BCA shall control.

C. The effective date of this Agreement is the date it is signed by the Commissioner or the Commissioner's designee.

DATED: July 26, 2023

THIS BROWNFIELD CLEANUP AGREEMENT IS HEREBY APPROVED, Acting by and through the Department of Environmental Conservation as Designee of the Commissioner,

By: Andrew Guglielmi

Andrew O. Guglielmi, Director
Division of Environmental Remediation

CONSENT BY APPLICANT

Applicant hereby consents to the issuing and entering of this Agreement, and agrees to be bound by this Agreement.

Baby's In Black, LLC

By: _____

Title: MANAGER

Date: 6-12-23

STATE OF ~~NEW YORK~~ Massachusetts)

) ss:

COUNTY OF Middlesex)

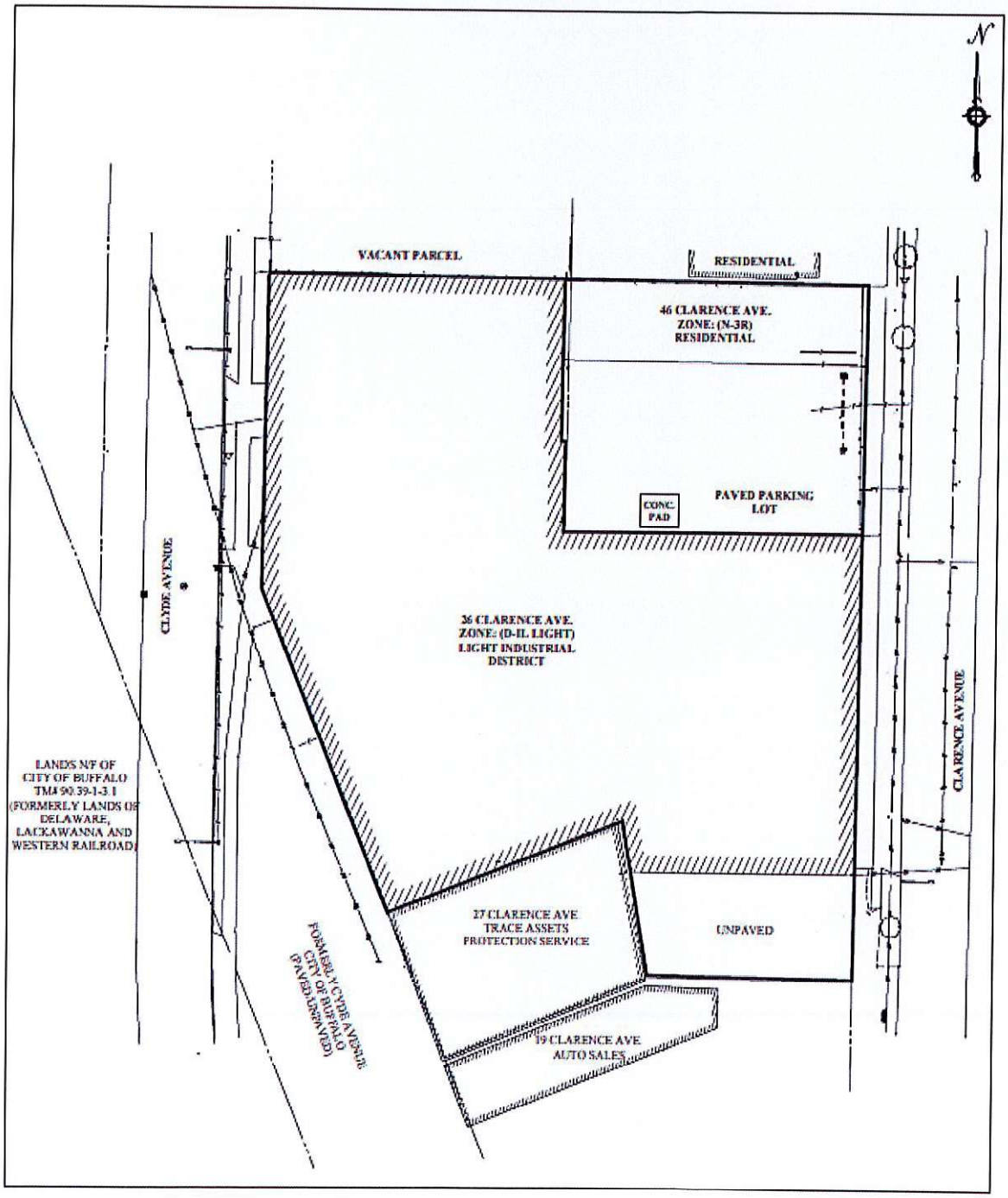
On the 12th day of June in the year 2023, before me, the undersigned, personally appeared Robert Mucciarone, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____

Signature and Office of individual taking acknowledgment

JENNIFER CORKERY
Notary Public, Commonwealth of Massachusetts
My Commission Expires February 13, 2026

EXHIBIT A
SITE MAP



APPENDIX A

STANDARD CLAUSES FOR ALL NEW YORK STATE BROWNFIELD SITE CLEANUP AGREEMENTS

The parties to the Brownfield Site Cleanup Agreement (hereinafter "BCA" or "Agreement") agree to be bound by the following clauses which are hereby made a part of the BCA. The word "Applicant" herein refers to any party to the Agreement, other than the New York State Department of Environmental Conservation (herein after "Department").

I. Citizen Participation Plan

Within twenty (20) days after the effective date of this Agreement, Applicant shall submit for review and approval a written citizen participation plan prepared in accordance with the requirements of Environmental Conservation Law (ECL) § 27-1417 and 6 NYCRR §§ 375-1.10 and 375-3.10. Upon approval, the Citizen Participation Plan shall be deemed to be incorporated into and made a part of this Agreement.

II. Development, Performance, and Reporting of Work Plans

A. Work Plan Requirements

The work plans ("Work Plan" or "Work Plans") under this Agreement shall be prepared and implemented in accordance with the requirements of ECL Article 27, Title 14, 6 NYCRR §§ 375-1.6(a) and 375-3.6, and all applicable laws, rules, regulations, and guidance documents. The Work Plans shall be captioned as follows:

1. "Remedial Investigation Work Plan" if the Work Plan provides for the investigation of the nature and extent of contamination within the boundaries of the Site and, if the Applicant is a "Participant", the extent of contamination emanating from such Site. If the Applicant is a "Volunteer" it shall perform a qualitative exposure assessment of the contamination emanating from the Site in accordance with ECL § 27-1415(2)(b) and Department guidance;

2. "Remedial Work Plan" if the Work Plan provides for the development and implementation of a Remedial Program for contamination within the boundaries of the Site and, if the Applicant is a "Participant", the contamination that has emanated from such Site;

3. "IRM Work Plan" if the Work Plan provides for an interim remedial measure; or

4. "Site Management Plan" if the Work Plan provides for the identification and implementation of institutional and/or engineering controls as well as any necessary monitoring and/or operation and maintenance of the remedy.

5. "Supplemental" if additional work plans other than those set forth in II.A.1-4 are required to be prepared and implemented.

B. Submission/Implementation of Work Plans

1. The first proposed Work Plan to be submitted under this Agreement shall be submitted no later than thirty (30) days after the effective date of this Agreement. Thereafter, the Applicant shall submit such other and additional work plans as determined in a schedule to be approved by the Department.

2. Any proposed Work Plan shall be submitted for the Department's review and approval and shall include, at a minimum, a chronological description of the anticipated activities to be conducted in accordance with current guidance, a schedule for performance of those activities, and sufficient detail to allow the Department to evaluate that Work Plan. The Department shall use best efforts in accordance with 6 NYCRR § 375-3.6(b) to approve, modify, or reject a proposed Work Plan within forty-five (45) days from its receipt or within fifteen (15) days from the close of the comment period, if applicable, whichever is later.

i. Upon the Department's written approval of a Work Plan, such Department-approved Work Plan shall be deemed to be incorporated into and made a part of this Agreement and shall be implemented in accordance with the schedule contained therein. All work undertaken as part of a remedial

program for a Site must be detailed in a department-approved Work Plan or a submittal approved in form and content by the Department.

ii. If the Department requires modification of a Work Plan, the reason for such modification shall be provided in writing and the provisions of 6 NYCRR § 375-1.6(d)(3) shall apply.

iii. If the Department disapproves a Work Plan, the reason for such disapproval shall be provided in writing and the provisions of 6 NYCRR § 375-1.6(d)(4) shall apply.

3. A Site Management Plan, if necessary, shall be submitted in accordance with the schedule set forth in the IRM Work Plan or Remedial Work Plan.

C. Submission of Final Reports

1. In accordance with the schedule contained in an approved Work Plan, Applicant shall submit a Final Report for an Investigation Work Plan prepared in accordance with ECL § 27-1411(1) and 6 NYCRR § 375-1.6. If such Final Report concludes that no remediation is necessary, and the Site does not meet the requirements for Track 1, Applicant shall submit an Alternatives Analysis prepared in accordance with ECL § 27-1413 and 6 NYCRR § 375-3.8(f) that supports such determination.

2. In accordance with the schedule contained in an approved Work Plan, Applicant shall submit a Final Engineering Report certifying that remediation of the Site has been performed in accordance with the requirements of ECL §§ 27-1419(1) and (2) and 6 NYCRR § 375-1.6. The Department shall review such Report, the submittals made pursuant to this Agreement, and any other relevant information regarding the Site and make a determination as to whether the goals of the remedial program have been or will be achieved in accordance with established timeframes; if so, a written Certificate of Completion will be issued in accordance with ECL § 27-1419, 6 NYCRR §§ 375-1.9 and 375-3.9.

3. Within sixty (60) days of the Department's approval of a Final Report, Applicant shall submit such additional Work Plans as it proposes to implement. In addition, Applicant shall include with every report submitted to the Department a schedule for the submission of any subsequent work plan required to meet the requirements of ECL Article 27 Title 14. Failure to submit any additional Work Plans within such period shall, unless other Work Plans are under review by the Department or being implemented by Applicant, result in the termination of this Agreement pursuant to Paragraph XII.

D. Review of Submittals other than Work Plans

1. The Department shall timely notify Applicant in writing of its approval or disapproval of each submittal other than a Work Plan in accordance with 6 NYCRR § 375-1.6. All Department-approved submittals shall be incorporated into and become an enforceable part of this Agreement.

2. If the Department disapproves a submittal covered by this Subparagraph, it shall specify the reason for its disapproval and may request Applicant to modify or expand the submittal. Within fifteen (15) days after receiving written notice that Applicant's submittal has been disapproved, Applicant shall elect in writing to either (i) modify or expand it within thirty (30) days of receipt of the written notice of disapproval; (ii) complete any other Department-approved Work Plan(s); (iii) invoke dispute resolution pursuant to Paragraph XIII; or (iv) terminate this Agreement pursuant to Paragraph XII. If Applicant submits a revised submittal and it is disapproved, the Department and Applicant may pursue whatever remedies may be available under this Agreement or under law. All work undertaken as part of a remedial program, including work undertaken pursuant to submittals other than Work Plans, must be approved by the department prior to implementation by the Applicant.

E. Department's Determination of Need for Remediation

The Department shall determine upon its approval of each Final Report dealing with the investigation of the Site whether remediation, or additional remediation as the case may be, is needed for protection of public health and the environment.

1. If the Department makes a preliminary determination that remediation, or additional remediation, is not needed for protection of public health and the environment, the Department shall notify the public of such

determination and seek public comment in accordance with ECL § 27-1417(3)(f). The Department shall provide timely notification to the Applicant of its final determination following the close of the public comment period.

2. If the Department determines that additional remediation is not needed and such determination is based upon use restrictions, Applicant shall cause to be recorded an Environmental Easement in accordance with 6 NYCRR § 375-1.8(h).

3. If the Department determines that remediation, or additional remediation, is needed, Applicant may elect to submit for review and approval a proposed Remedial Work Plan (or modify an existing Work Plan for the Site) for a remedy selected upon due consideration of the factors set forth in ECL § 27-1415(3) and 6 NYCRR § 375-1.8(f). A proposed Remedial Work Plan addressing the Site's remediation will be noticed for public comment in accordance with ECL § 27-1417(3)(f) and the Citizen Participation Plan developed pursuant to this Agreement. If the Department determines following the close of the public comment period that modifications to the proposed Remedial Work Plan are needed, Applicant agrees to negotiate appropriate modifications to such Work Plan. If Applicant elects not to develop a Work Plan under this Subparagraph then this Agreement shall terminate in accordance with Paragraph XII. If the Applicant elects to develop a Work Plan, then it will be reviewed in accordance with Paragraph II.D above.

F. Institutional/Engineering Control Certification

In the event that the remedy for the Site, if any, or any Work Plan for the Site, requires institutional or engineering controls, Applicant shall submit a written certification in accordance with 6 NYCRR §§ 375-1.8(h)(3) and 375-3.8(h)(2).

III. Enforcement

Except as provided in Paragraph V, this Agreement shall be enforceable as a contractual agreement under the laws of the State of New York. Applicant shall not suffer any penalty except as provided in Paragraph V, or be subject to any proceeding or action if it cannot comply with any requirement of this Agreement as a result of a Force Majeure Event as described at 6 NYCRR § 375-1.5(b)(4) provided Applicant complies with the requirements set forth therein.

IV. Entry upon Site

A. Applicant hereby agrees to provide access to the Site and to all relevant information regarding activities at the Site in accordance with the provisions of ECL § 27-1431. Applicant agrees to provide the Department upon request with proof of access if it is not the owner of the Site.

B. The Department shall have the right to periodically inspect the Site to ensure that the use of the property complies with the terms and conditions of this Agreement. The Department will generally conduct such inspections during business hours, but retains the right to inspect at any time.

C. Failure to provide access as provided for under this Paragraph may result in termination of this Agreement pursuant to Paragraph XII.

V. Payment of State Costs (Applicable only to Applicants with Participant Status)

A. Within forty-five (45) days after receipt of an itemized invoice from the Department, Applicant shall pay to the Department a sum of money which shall represent reimbursement for State Costs as provided by 6 NYCRR § 375-1.5 (b)(3)(i).

B. Costs shall be documented as provided by 6 NYCRR § 375-1.5(b)(3)(ii). The Department shall not be required to provide any other documentation of costs, provided however, that the Department's records shall be available consistent with, and in accordance with, Article 6 of the Public Officers Law.

C. Each such payment shall be made payable to the "Commissioner of NYSDEC" and shall be sent to:

Division of Management and Budget
New York State Department of Environmental Conservation
625 Broadway, 10th Floor
Albany, New York 12233-4900

D. Each party shall provide written notification to the other within ninety (90) days of any change in the foregoing addresses.

E. If Applicant objects to any invoiced costs under this Agreement, the provisions of 6 NYCRR §§ 375-1.5 (b)(3)(v) and (vi) shall apply. Objections shall be sent to the Department as provided under subparagraph V.C above.

F. In the event of non-payment of any invoice within the 45 days provided herein, the Department may seek enforcement of this provision pursuant to Paragraph III or the Department may commence an enforcement action for non-compliance with ECL § 27-1409(2) and ECL § 71-4003.

VI. Liability Limitation

Subsequent to the issuance of a Certificate of Completion pursuant to this Agreement, Applicant shall be entitled to the Liability Limitation set forth at ECL § 27-1421, subject to the terms and conditions stated therein and to the provisions of 6 NYCRR §§ 375-1.9 and 375-3.9.

VII. Reservation of Rights

A. Except as provided in Subparagraph VII.B, Applicant reserves all rights and defenses under applicable law to contest, defend against, dispute, or disprove any action, proceeding, allegation, assertion, determination, or order of the Department, including any assertion of remedial liability by the Department against Applicant, and further reserves all rights including the rights to notice, to be heard, to appeal, and to any other due process respecting any action or proceeding by the Department, including the enforcement of this Agreement. The existence of this Agreement or Applicant's compliance with it shall not be construed as an admission of any liability, fault, wrongdoing, or violation of law by Applicant, and shall not give rise to any presumption of law or finding of fact which shall inure to the benefit of any third party.

B. Notwithstanding the foregoing, Applicant hereby waives any right it may have to make a claim pursuant to Article 12 of the Navigation Law with respect to the Site and releases the State and the New York Environmental Protection and Spill Compensation Fund from any and all legal or equitable claims, suits, causes of action, or demands whatsoever with respect to the Site that Applicant may have as a result of Applicant's entering into or fulfilling the terms of this Agreement.

VIII. Indemnification

Applicant shall indemnify and hold the Department, the State of New York, and their representatives and employees harmless from any claim, suit, action, and cost of every name and description arising out of or resulting from the fulfillment or attempted fulfillment of this Agreement by Applicant prior to the Termination Date except for those claims, suits, actions, and costs arising from the State's gross negligence or willful or intentional misconduct by the Department, the State of New York, and/or their representatives and employees during the course of any activities conducted pursuant to this Agreement. In the event that the Applicant is a Participant, this provision shall also include the Trustee of the State's Natural Resources. The Department shall provide Applicant with written notice no less than thirty (30) days prior to commencing a lawsuit seeking indemnification pursuant to this Paragraph.

IX. Change of Use

Applicant shall notify the Department at least sixty (60) days in advance of any change of use, as defined in ECL § 27-1425, which is proposed for the Site, in accordance with the provisions of 6 NYCRR § 375-1.11(d). In the event the Department determines that the proposed change of use is prohibited, the Department shall notify Applicant of such determination within forty-five (45) days of receipt of such notice.

X. Environmental Easement

A. Within thirty (30) days after the Department's approval of a Remedial Work Plan which relies upon one or more institutional and/or engineering controls, or within sixty (60) days after the Department's determination pursuant to Subparagraph II.E.2 that additional remediation is not needed based upon use restrictions, Applicant shall submit to the Department for approval an Environmental Easement to run with the land in favor of the State which complies with the requirements of ECL Article 71, Title 36 and 6 NYCRR § 375-1.8(h)(2). Applicant shall cause such instrument to be recorded with the recording officer for the county in which the Site is located within thirty (30) days after the Department's

approval of such instrument. Applicant shall provide the Department with a copy of such instrument certified by the recording officer to be a true and faithful copy within thirty (30) days of such recording (or such longer period of time as may be required to obtain a certified copy provided Applicant advises the Department of the status of its efforts to obtain same within such thirty (30) day period), which shall be deemed to be incorporated into this Agreement.

B. Applicant or the owner of the Site may petition the Department to modify or extinguish the Environmental Easement filed pursuant to this Agreement at such time as it can certify that the Site is protective of public health and the environment without reliance upon the restrictions set forth in such instrument. Such certification shall be made by a Professional Engineer or Qualified Environmental Professional as defined at 6 NYCRR § 375-1.2(ak) approved by the Department. The Department will not unreasonably withhold its consent.

XI. Progress Reports

Applicant shall submit a written progress report of its actions under this Agreement to the parties identified in Subparagraph III.A.1 of the Agreement by the 10th day of each month commencing with the month subsequent to the approval of the first Work Plan and ending with the Termination Date, unless a different frequency is set forth in a Work Plan. Such reports shall, at a minimum, include: all actions relative to the Site during the previous reporting period and those anticipated for the next reporting period; all approved activity modifications (changes of work scope and/or schedule); all results of sampling and tests and all other data received or generated by or on behalf of Applicant in connection with this Site, whether under this Agreement or otherwise, in the previous reporting period, including quality assurance/quality control information; information regarding percentage of completion; unresolved delays encountered or anticipated that may affect the future schedule and efforts made to mitigate such delays; and information regarding activities undertaken in support of the Citizen Participation Plan during the previous reporting period and those anticipated for the next reporting period.

XII. Termination of Agreement

Applicant or the Department may terminate this Agreement consistent with the provisions of 6 NYCRR §§ 375-3.5(b), (c), and (d) by providing written notification to the parties listed in Paragraph IV of the Agreement.

XIII. Dispute Resolution

A. In the event disputes arise under this Agreement, Applicant may, within fifteen (15) days after Applicant knew or should have known of the facts which are the basis of the dispute, initiate dispute resolution in accordance with the provisions of 6 NYCRR § 375-1.5(b)(2).

B. All cost incurred by the Department associated with dispute resolution are State costs subject to reimbursement pursuant to Paragraph V of Appendix A of this Agreement, if applicable.

C. Notwithstanding any other rights otherwise authorized in law or equity, any disputes pursuant to this Agreement shall be limited to Departmental decisions on remedial activities. In no event shall such dispute authorize a challenge to the applicable statute or regulation.

XIV. Miscellaneous

A. If the information provided and any certifications made by Applicant are not materially accurate and complete, this Agreement, except with respect to Applicant's obligations pursuant to Paragraphs V, if applicable, and VII.B, and VIII, shall be null and void ab initio fifteen (15) days after the Department's notification of such inaccuracy or incompleteness or fifteen (15) days after issuance of a final decision resolving a dispute pursuant to Paragraph XIII, whichever is later, unless Applicant submits information within that fifteen (15) day time period indicating that the information provided and the certifications made were materially accurate and complete. In the event this Agreement is rendered null and void, any Certificate of Completion and/or Liability Limitation that may have been issued or may have arisen under this Agreement shall also be null and void ab initio, and the Department shall reserve all rights that it may have under law.

B. By entering into this Agreement, Applicant agrees to comply with and be bound by the provisions of 6 NYCRR §§ 375-1, 375-3 and 375-6; the provisions of such subparts that are referenced herein are referenced for clarity and convenience only and the failure of this

Agreement to specifically reference any particular regulatory provision is not intended to imply that such provision is not applicable to activities performed under this Agreement.

C. The Department may exempt Applicant from the requirement to obtain any state or local permit or other authorization for any activity conducted pursuant to this Agreement in accordance with 6 NYCRR §§ 375-1.12(b), (c), and (d).

D. 1. Applicant shall use "best efforts" to obtain all Site access, permits, easements, approvals, institutional controls, and/or authorizations necessary to perform Applicant's obligations under this Agreement, including all Department-approved Work Plans and the schedules contained therein. If, despite Applicant's best efforts, any access, permits, easements, approvals, institutional controls, or authorizations cannot be obtained, Applicant shall promptly notify the Department and include a summary of the steps taken. The Department may, as it deems appropriate and within its authority, assist Applicant in obtaining same.

2. If an interest in property is needed to implement an institutional control required by a Work Plan and such interest cannot be obtained, the Department may require Applicant to modify the Work Plan pursuant to 6 NYCRR § 375-1.6(d)(3) to reflect changes necessitated by Applicant's inability to obtain such interest.

E. The paragraph headings set forth in this Agreement are included for convenience of reference only and shall be disregarded in the construction and interpretation of any provisions of this Agreement.

F. 1. The terms of this Agreement shall constitute the complete and entire agreement between the Department and Applicant concerning the implementation of the activities required by this Agreement. No term, condition, understanding, or agreement purporting to modify or vary any term of this Agreement shall be binding unless made in writing and subscribed by the party to be bound. No informal advice, guidance, suggestion, or comment by the Department shall be construed as relieving Applicant of its obligation to obtain such formal approvals as may be required by this Agreement. In the event of a conflict between the terms of this Agreement and any Work Plan submitted pursuant to this Agreement, the terms of this Agreement shall control over the terms of the Work Plan(s). Applicant consents to and agrees not to contest the authority and jurisdiction of the Department to enter into or enforce this Agreement.

2. i. Except as set forth herein, if Applicant desires that any provision of this Agreement be changed, Applicant shall make timely written application to the Commissioner with copies to the parties in Subparagraph IV.A.1 of the Agreement.

ii. If Applicant seeks to modify an approved Work Plan, a written request shall be made to the Department's project manager, with copies to the parties listed in Subparagraph IV.A.1 of the Agreement.

iii. Requests for a change to a time frame set forth in this Agreement shall be made in writing to the Department's project attorney and project manager; such requests shall not be unreasonably denied and a written response to such requests shall be sent to Applicant promptly.

G. 1. If there are multiple parties signing this Agreement, the term "Applicant" shall be read in the plural, the obligations of each such party under this Agreement are joint and several, and the insolvency of or failure by any Applicant to implement any obligations under this Agreement shall not affect the obligations of the remaining Applicant(s) under this Agreement.

2. If Applicant is a partnership, the obligations of all general partners (including limited partners who act as general partners) under this Agreement are joint and several and the insolvency or failure of any general partner to implement any obligations under this Agreement shall not affect the obligations of the remaining partner(s) under this Agreement.

3. Notwithstanding the foregoing Subparagraphs XIV.G.1 and 2, if multiple parties sign this Agreement as Applicants but not all of the signing parties elect to implement a Work Plan, all Applicants are jointly and severally liable for each and every obligation under this Agreement through the completion of activities in such Work Plan that all such parties consented to; thereafter, only those Applicants electing to perform additional work shall be jointly and severally liable under this Agreement for the

obligations and activities under such additional Work Plan(s). The parties electing not to implement the additional Work Plan(s) shall have no obligations under this Agreement relative to the activities set forth in such Work Plan(s). Further, only those Applicants electing to implement such additional Work Plan(s) shall be eligible to receive the Liability Limitation referenced in Paragraph VI.

4. Any change to parties pursuant to this Agreement, including successors and assigns through acquisition of title, is subject to approval by the Department, after submittal of an application acceptable to the Department.

H. Applicant shall be entitled to receive contribution protection and/or to seek contribution to the extent authorized by ECL § 27-1421(6) and 6 NYCRR § 375-1.5(b)(5).

I. Applicant shall not be considered an operator of the Site solely by virtue of having executed and/or implemented this Agreement.

J. Applicant and Applicant's agents, grantees, lessees, sublessees, successors, and assigns shall be bound by this Agreement. Any change in ownership of Applicant including, but not limited to, any transfer of assets or real or personal property, shall in no way alter Applicant's responsibilities under this Agreement.

K. Unless otherwise expressly provided herein, terms used in this Agreement which are defined in ECL Article 27 or in regulations promulgated thereunder shall have the meaning assigned to them under said statute or regulations.

L. Applicant's obligations under this Agreement shall not be deemed to constitute any type of fine or penalty.

M. In accordance with 6 NYCRR § 375-1.6(a)(4), the Department shall be notified at least 7 days in advance of, and be allowed to attend, any field activities to be conducted under a Department approved work plan, as well as any pre-bid meetings, job progress meetings, substantial completion meeting and inspection, and final inspection and meeting; provided, however that the Department may be excluded from portions of meetings where privileged matters are discussed.

N. In accordance with 6 NYCRR § 375-1.11(a), all work plans; reports, including all attachments and appendices, and certifications, submitted by a remedial party shall be submitted in print, as well as in an electronic format acceptable to the Department.

O. This Agreement may be executed for the convenience of the parties hereto, individually or in combination, in one or more counterparts, each of which shall be deemed to have the status of an executed original and all of which shall together constitute one and the same.

APPENDIX B

KAR Engineering PC Engagement Letter

Baby's In Black, LLC

F.W. WEBB COMPANY

July 3, 2024

Ms. Taylor J. Monnin
Assistant Engineer
New York State Department of Environmental Conservation
700 Delaware Avenue
Buffalo, NY 14209

RE: Letter of Engagement - KAR Engineering Associates Inc.
Brownfields Redevelopment Project
26 Clarence Avenue
Buffalo, New York 14215

Dear Ms. Monnin:

As Manager of Baby's in Black, LLC, I hereby certify that Kar Engineering Associates Inc. (or Kar Engineering PC), with offices located at 5 Heller Drive in Bridgewater, New York, 08807, has been engaged to provide Brownfield's engineering support services for the above-referenced property. The Brownfield's engineering support services generally include investigation, remediation, notifications, reporting, discussions, and negotiations with the New York Department of Conservation regarding the release of oil or hazardous materials (OHM) at the above-referenced property.

If there are any questions or concerns, please contact me at 781-272-6600.

Very Truly Yours,
Baby's in Black, LLC

Robert Mucciarone
Manager

APPENDIX C

Soil Boring and Monitoring Well Installation Logs

Alliance Environmental Group		Soil Boring and Well Construction Log	
PROJECT:	3162-01	BORING NO.	MW-1
LOCATION:	26 & 46 Clarence Avenue, Buffalo, NY	PAGE 1 OF	1
DRILLING CO:	Coastal Environmnetal - Long Beach, NY	DATE STARTED:	11/16/2021
EQUIPMENT:	GeoProbe 7822 DT	DATE FINISHED:	11/16/2021
INSPECTED BY:	Joel Walcott, Sr. Principal Engineer	SURFACE ELEVATION:	--

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED:

DEPTH	STABILIZATION TIME
7 feet	

	SAMPLER	WELL CASING	WELL SCREEN
TYPE:		PVC	10-Slot PVC
SIZE ID:		2 inch	2 inch
NOTES:			

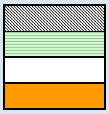
SAMPLE DATA

DEPTH (ft)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches) 0-6	6-12	12-18	18-24	WELL DATA	STRATA CHANGE (ft)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/ RECOV (in./in.)	PID (ppm) Lamp 10.6 eV
	(0-5')							No sleeves collected during well installation. Refer to the logs for B-3 and B-6 for approximate soil descriptions in this area			
								Bedrock present at 4 feet below grade			
5.0											
	(5-10')										
10.0											
	(10-15')										
15.0											
	(15-20')										
20.0											

GENERAL REMARKS:
f = fine-grained
m = medium-grained
c = coarse-grained
WH = weight of hammer

Well Legend

Sump
Concrete
Bentonite
Sand Pack



Casing
Screen
Native Fill
Bedrock

No laboratory soil samples collected, well casing sealed with grout from 4 feet below garde to the ground surface.

Alliance Environmental Group		Soil Boring and Well Construction Log	
PROJECT:	3162-01	BORING NO.	MW-2
LOCATION:	26 & 46 Clarence Avenue, Buffalo, NY	PAGE 1 OF	1
DRILLING CO:	Coastal Environmnetal - Long Beach, NY	DATE STARTED:	11/16/2021
EQUIPMENT:	GeoProbe 7822 DT	DATE FINISHED:	11/16/2021
INSPECTED BY:	Joel Walcott, Sr. Principal Engineer	SURFACE ELEVATION:	--

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED:

DEPTH	STABILIZATION TIME
1 foot	

	SAMPLER	WELL CASING	WELL SCREEN
TYPE:		PVC	10-Slot PVC
SIZE ID:		2 inch	2 inch
NOTES:			

SAMPLE DATA

DEPTH (ft)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches) 0-6	6-12	12-18	18-24	WELL DATA	STRATA CHANGE (ft)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/ RECOV (in./in.)	PID (ppm) Lamp 10.6 eV
	(0-5')							No sleeves collected during well installation.			
								Refer to the log for B-10 for approximate			
								soil descriptions in this area			
5.0								Bedrock present at 5 feet			
	(5-10')										
10.0											
	(10-15')										
15.0											
	(15-20')										
20.0											

GENERAL REMARKS:
f = fine-grained
m = medium-grained
c = coarse-grained
WH = weight of hammer

Well Legend

Sump		Casing	
Concrete		Screen	
Bentonite		Native Fill	
Sand Pack		Bedrock	

No laboratory soil samples collected, well casing sealed with grout from 6 feet below garde to the ground surface.

Alliance Environmental Group		Soil Boring and Well Construction Log	
PROJECT:	3162-01	BORING NO.	MW-3
LOCATION:	26 & 46 Clarence Avenue, Buffalo, NY	PAGE 1 OF	1
DRILLING CO:	Coastal Environmnetal - Long Beach, NY	DATE STARTED:	11/17/2021
EQUIPMENT:	GeoProbe 7822 DT	DATE FINISHED:	11/17/2021
INSPECTED BY:	Lauren Main, Sr. Geologist	SURFACE ELEVATION:	--

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED:

DEPTH	STABILIZATION TIME
8 feet	

	SAMPLER	WELL CASING	WELL SCREEN
TYPE:		PVC	10-Slot PVC
SIZE ID:		2 inch	2 inch
NOTES:			

SAMPLE DATA

DEPTH (ft)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches) 0-6	6-12	12-18	18-24	WELL DATA	STRATA CHANGE (ft)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/ RECOV (in./in.)	PID (ppm) Lamp 10.6 eV
	(0-5')							No sleeves collected during well installation.			
								Refer to the log for B-7 for approximate			
								soil descriptions in this area			
								Bedrock present at 3.5 feet			
5.0											
	(5-10')										
10.0											
	(10-15')										
15.0											
	(15-20')										
20.0											

GENERAL REMARKS:
f = fine-grained
m = medium-grained
c = coarse-grained
WH = weight of hammer

Well Legend

Sump		Casing	
Concrete		Screen	
Bentonite		Native Fill	
Sand Pack		Bedrock	

No laboratory soil samples collected, well casing sealed with grout from 6 feet below garde to the ground surface.

Alliance Environmental Group		Soil Boring and Well Construction Log	
PROJECT:	3162-01	BORING NO.	B-1
LOCATION:	26 &46 Clarence Avenue, Buffalo, NY	PAGE 1 OF	1
DRILLING CO:	Coastal Environmental - Long Beach, NY	DATE STARTED:	10/27/2021
EQUIPMENT:	GeoProbe 6610 DT	DATE FINISHED:	10/27/2021
INSPECTED BY:	Timothy Nevins - Sr.Principal Scientist	SURFACE ELEVATION:	--

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED: X

DEPTH	STABILIZATION TIME

	SAMPLER	WELL CASING	WELL SCREEN
TYPE:			
SIZE ID:			
NOTES:			

SAMPLE DATA

DEPTH (feet)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches) 0-6	6-12	12-18	18-24	WELL DATA	STRATA CHANGE (feet)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/ RECOV (in./in.)	PID reading (ppmv) Lamp 10.6 eV
(0-5')								**Surface**: Asphalt debris (0-6")		48/60"	
								Dry, medium GRAVEL, some dark brown fine sand,	B-1		0.2
								slight chemical (VOC) odor (6-12")	(6-12")		
								Dark brown CLAY, some organic material (peat),			
								organic odor present (12-44")			
								Dark brown fine SAND and silt, some fine gravel, trace			0.5
								concrete debris. Slight chemical (VOC) odor (44-48")			
5.0								Refusal at 4.5 feet			

GENERAL REMARKS:
f = fine-grained
m = medium-grained
c = coarse-grained
WH = weight of hammer

Well Legend

Sump		Casing	
Concrete		Screen	
Bentonite		Native Fill	
Sand Pack		Bedrock	

Laboratory soil sample collected at 6-12" below ground surface (bgs)

Alliance Environmental Group

Soil Boring and Well Construction Log

PROJECT:	3162-01	BORING NO.	B-2
LOCATION:	26 &46 Clarence Avenue, Buffalo, NY	PAGE 1 OF	1
DRILLING CO:	Coastal Environmental - Long Beach, NY	DATE STARTED:	10/27/2021
EQUIPMENT:	GeoProbe 6610 DT	DATE FINISHED:	10/27/2021
INSPECTED BY:	Timothy Nevins - Sr.Principal Scientist	SURFACE ELEVATION:	--

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED: X

DEPTH	STABILIZATION TIME

	SAMPLER	WELL CASING	WELL SCREEN
TYPE:			
SIZE ID:			
NOTES:			

SAMPLE DATA

DEPTH (feet)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches) 0-6	6-12	12-18	18-24	WELL DATA	STRATA CHANGE (feet)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/ RECOV (in./in.)	PID reading (ppmv) Lamp 10.6 eV
(0-5')								**Surface**: Asphalt debris (0-6")		54/60"	
								Dry, dark grey fine-medium gravel and brown sand,	B-2		0.1
								slight chemical (VOC) odor (6-12")	(6-12")		
								Dark brown CLAY, trace sand (12-48")			
								Dark brown fine SAND, some clay, sample moist,			
								slight organic odor (peat). (48"-54")			
5.0								Refusal at 4.5 feet			

GENERAL REMARKS:
f = fine-grained
m = medium-grained
c = coarse-grained
WH = weight of hammer

Well Legend

Sump		Casing	
Concrete		Screen	
Bentonite		Native Fill	
Sand Pack		Bedrock	

Laboratory soil sample collected at 6-12" below ground surface (bgs)

Alliance Environmental Group		Soil Boring and Well Construction Log	
PROJECT:	3162-01	BORING NO.	B-3
LOCATION:	26 &46 Clarence Avenue, Buffalo, NY	PAGE 1 OF	1
DRILLING CO:	Coastal Environmental - Long Beach, NY	DATE STARTED:	10/27/2021
EQUIPMENT:	GeoProbe 6610 DT	DATE FINISHED:	10/27/2021
INSPECTED BY:	Timothy Nevins - Sr.Principal Scientist	SURFACE ELEVATION:	--

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED: X

DEPTH	STABILIZATION TIME

	SAMPLER	WELL CASING	WELL SCREEN
TYPE:			
SIZE ID:			
NOTES:			

SAMPLE DATA

DEPTH (feet)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches) 0-6	6-12	12-18	18-24	WELL DATA	STRATA CHANGE (feet)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/ RECOV (in./in.)	PID reading (ppmv) Lamp 10.6 eV
(0-5')								**Surface**: Asphalt		36/60"	
								Dry, medium-fine grey GRAVEL, trace asphalt debris,	B-3		
								trace fine sand, no odor (0-12")	(3-3.5')		
								Dark brown-black CLAY, some sand. Sample dry,			
								no odor (12-24")			
								Dark-grey black CLAY. Slight organic (peat) odor			0.3
								(24"-32")			
								Black medium-coarse sand and fine gravel. Sample			
								moist, no odor (32-36")			
5.0								Refusal at 4.5 feet			

GENERAL REMARKS:
f = fine-grained
m = medium-grained
c = coarse-grained
WH = weight of hammer

Well Legend

Sump, Concrete, Bentonite, Sand Pack

Casing, Screen, Native Fill, Bedrock

Laboratory soil sample collected at 3-3.5' below ground surface (bgs)

Alliance Environmental Group

Soil Boring and Well Construction Log

PROJECT:	3162-01	BORING NO.	B-4
LOCATION:	26 &46 Clarence Avenue, Buffalo, NY	PAGE 1 OF	1
DRILLING CO:	Coastal Environmental - Long Beach, NY	DATE STARTED:	10/27/2021
EQUIPMENT:	GeoProbe 6610 DT	DATE FINISHED:	10/27/2021
INSPECTED BY:	Timothy Nevins - Sr.Principal Scientist	SURFACE ELEVATION:	--

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED: X

DEPTH	STABILIZATION TIME

	SAMPLER	WELL CASING	WELL SCREEN
TYPE:			
SIZE ID:			
NOTES:			

SAMPLE DATA

DEPTH (feet)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches) 0-6	6-12	12-18	18-24	WELL DATA	STRATA CHANGE (feet)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/ RECOV (in./in.)	PID reading (ppmv) Lamp 10.6 eV
(0-5')								**Surface**: Asphalt		54/60"	
								Asphalt debris (0-6")	B-4		
								Brown dense clay, some sand, trace fine gravel.	(4-4.5')		
								Dry, no odor (6"-24")			
								Dark brown CLAY, slight organic (peat) odor,			
								sample dry (24"-48")			1.8
								Brown silt, trace clay, trace rock fragments. Sample			
								moist, slight chemical (VOC) odor (48"-54")			
5.0								Refusal at 4.5 feet			

GENERAL REMARKS:
f = fine-grained
m = medium-grained
c = coarse-grained
WH = weight of hammer

Well Legend

Sump, Concrete, Bentonite, Sand Pack

Casing, Screen, Native Fill, Bedrock

Laboratory soil sample collected at 4-4.5' below ground surface (bgs)

Alliance Environmental Group

Soil Boring and Well Construction Log

PROJECT:	3162-01	BORING NO.	B-5
LOCATION:	26 &46 Clarence Avenue, Buffalo, NY	PAGE 1 OF	1
DRILLING CO:	Coastal Environmental - Long Beach, NY	DATE STARTED:	10/27/2021
EQUIPMENT:	GeoProbe 6610 DT	DATE FINISHED:	10/27/2021
INSPECTED BY:	Timothy Nevins - Sr.Principal Scientist	SURFACE ELEVATION:	--

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED: X

DEPTH	STABILIZATION TIME

	SAMPLER	WELL CASING	WELL SCREEN
TYPE:			
SIZE ID:			
NOTES:			

SAMPLE DATA

DEPTH (feet)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches) 0-6	6-12	12-18	18-24	WELL DATA	STRATA CHANGE (feet)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/ RECOV (in./in.)	PID reading (ppmv) Lamp 10.6 eV
(0-5')								**Surface**: Asphalt		48/60"	
								Asphalt debris (0-3")	B-5		
								Brown silt, some fine gravel, trace clay. Sample dry,	(3.5-4')		
								no odor (3"-18")			
								Brown-dark brown CLAY, sample dry, no odor			
								(18"-42")			
								Light brown CLAY, trace rock fragments. Sample			0.2
								moist, slight chemical (VOC) odor (42"-48")			
5.0								Refusal at 4.5 feet			

GENERAL REMARKS:
f = fine-grained
m = medium-grained
c = coarse-grained
WH = weight of hammer

Well Legend

Sump, Concrete, Bentonite, Sand Pack

Casing, Screen, Native Fill, Bedrock

Laboratory soil sample collected at 3.5-4' below ground surface (bgs)

Alliance Environmental Group

Soil Boring and Well Construction Log

PROJECT:	3162-01	BORING NO.	B-6
LOCATION:	26 &46 Clarence Avenue, Buffalo, NY	PAGE 1 OF	1
DRILLING CO:	Coastal Environmental - Long Beach, NY	DATE STARTED:	10/27/2021
EQUIPMENT:	GeoProbe 6610 DT	DATE FINISHED:	10/27/2021
INSPECTED BY:	Timothy Nevins - Sr.Principal Scientist	SURFACE ELEVATION:	--

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED: X

DEPTH	STABILIZATION TIME

	SAMPLER	WELL CASING	WELL SCREEN
TYPE:			
SIZE ID:			
NOTES:			

SAMPLE DATA

DEPTH (feet)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches) 0-6	6-12	12-18	18-24	WELL DATA	STRATA CHANGE (feet)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/ RECOV (in./in.)	PID reading (ppmv) Lamp 10.6 eV
(0-5')								**Surface**: Asphalt		28/60"	
								Brown, fine-medium gravel and fine sand, sample dry,	B-6		
								no odor (0-16")	(24-28")		
								Dark brown-black CLAY, slight organic (peat) odor,			
								(16-24")			
								Black, medium-fine sand and gravel, slight chemical			2.4
								(VOC) odor, possible petroleum sheen (24-28")			
5.0								Refusal at 4.5 feet			

GENERAL REMARKS:
f = fine-grained
m = medium-grained
c = coarse-grained
WH = weight of hammer

Well Legend

Sump		Casing	
Concrete		Screen	
Bentonite		Native Fill	
Sand Pack		Bedrock	

Laboratory soil sample collected at 24-28" below ground surface (bgs)

Alliance Environmental Group		Soil Boring and Well Construction Log	
PROJECT:	3162-01	BORING NO.	B-7
LOCATION:	26 &46 Clarence Avenue, Buffalo, NY	PAGE 1 OF	1
DRILLING CO:	Coastal Environmental - Long Beach, NY	DATE STARTED:	10/27/2021
EQUIPMENT:	GeoProbe 6610 DT	DATE FINISHED:	10/27/2021
INSPECTED BY:	Timothy Nevins - Sr.Principal Scientist	SURFACE ELEVATION:	--

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED: X

DEPTH	STABILIZATION TIME

	SAMPLER	WELL CASING	WELL SCREEN
TYPE:			
SIZE ID:			
NOTES:			

SAMPLE DATA

DEPTH (feet)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches) 0-6	6-12	12-18	18-24	WELL DATA	STRATA CHANGE (feet)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/ RECOV (in./in.)	PID reading (ppmv) Lamp 10.6 eV
(0-5')								**Surface**: Grass		36/60"	
								Fine white gravel and fine white sand, sample dry,	B-7		
								no odor (0-7")	(1-2')		
								Dark brown-red clayey SILT, trace fine gravel,			0.3
								sample dry, no odor (7"-24")			
								Red-brown CLAY, trace fine gravel. Sample dry,			
								no odor (24-36"), rock fragments at tip			
								Refusal at 4 feet			
5.0											

GENERAL REMARKS:
f = fine-grained
m = medium-grained
c = coarse-grained
WH = weight of hammer

Well Legend

Sump		Casing	
Concrete		Screen	
Bentonite		Native Fill	
Sand Pack		Bedrock	

Laboratory soil sample collected at 1-2'" below ground surface (bgs)

Alliance Environmental Group

Soil Boring and Well Construction Log

PROJECT:	3162-01	BORING NO.	B-8
LOCATION:	26 &46 Clarence Avenue, Buffalo, NY	PAGE 1 OF	1
DRILLING CO:	Coastal Environmental - Long Beach, NY	DATE STARTED:	10/27/2021
EQUIPMENT:	GeoProbe 6610 DT	DATE FINISHED:	10/27/2021
INSPECTED BY:	Timothy Nevins - Sr.Principal Scientist	SURFACE ELEVATION:	--

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED: X

DEPTH	STABILIZATION TIME

	SAMPLER	WELL CASING	WELL SCREEN
TYPE:			
SIZE ID:			
NOTES:			

SAMPLE DATA

DEPTH (feet)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches) 0-6	6-12	12-18	18-24	WELL DATA	STRATA CHANGE (feet)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/ RECOV (in./in.)	PID reading (ppmv) Lamp 10.6 eV
(0-5')								**Surface**: Grass		30/60"	
								Red-brown SILT, some fine-medium gravel, trace	B-8		
								clay, trace wood debris at 26", rock fragments at tip.	(1.5-2')		0.2
								Sample dry, no odor (0-30")			
								Refusal at 4 feet			
5.0											

GENERAL REMARKS:
f = fine-grained
m = medium-grained
c = coarse-grained
WH = weight of hammer

Well Legend

Sump, Concrete, Bentonite, Sand Pack

Casing, Screen, Native Fill, Bedrock

Laboratory soil sample collected at 1.5-2' below ground surface (bgs)

Alliance Environmental Group

Soil Boring and Well Construction Log

PROJECT:	3162-01	BORING NO.	B-9
LOCATION:	26 &46 Clarence Avenue, Buffalo, NY	PAGE 1 OF	1
DRILLING CO:	Coastal Environmental - Long Beach, NY	DATE STARTED:	10/27/2021
EQUIPMENT:	GeoProbe 6610 DT	DATE FINISHED:	10/27/2021
INSPECTED BY:	Timothy Nevins - Sr.Principal Scientist	SURFACE ELEVATION:	--

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED: X

DEPTH	STABILIZATION TIME

	SAMPLER	WELL CASING	WELL SCREEN
TYPE:			
SIZE ID:			
NOTES:			

SAMPLE DATA

DEPTH (feet)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches) 0-6	6-12	12-18	18-24	WELL DATA	STRATA CHANGE (feet)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/ RECOV (in./in.)	PID reading (ppmv) Lamp 10.6 eV
(0-5')								**Surface**: Grass		24/60"	
								Medium gravel and dark organic material, sample dry,	B-9		
								no odor (0-6")	(1-2')		0.2
								Dark brown SILT, some brown clay, some fine gravel.			
								Sample dry, no odor (6"-24")			
								Refusal at 4 feet			
5.0											

GENERAL REMARKS:
f = fine-grained
m = medium-grained
c = coarse-grained
WH = weight of hammer

Well Legend

Sump		Casing	
Concrete		Screen	
Bentonite		Native Fill	
Sand Pack		Bedrock	

Laboratory soil sample collected at 1-2' below ground surface (bgs)

Alliance Environmental Group		Soil Boring and Well Construction Log	
PROJECT:	3162-01	BORING NO.	B-10
LOCATION:	26 &46 Clarence Avenue, Buffalo, NY	PAGE 1 OF	1
DRILLING CO:	Coastal Environmental - Long Beach, NY	DATE STARTED:	10/27/2021
EQUIPMENT:	GeoProbe 6610 DT	DATE FINISHED:	10/27/2021
INSPECTED BY:	Timothy Nevins - Sr.Principal Scientist	SURFACE ELEVATION:	--

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED: X

DEPTH	STABILIZATION TIME

	SAMPLER	WELL CASING	WELL SCREEN
TYPE:			
SIZE ID:			
NOTES:			

SAMPLE DATA

DEPTH (feet)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches) 0-6	6-12	12-18	18-24	WELL DATA	STRATA CHANGE (feet)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/ RECOV (in./in.)	PID reading (ppmv) Lamp 10.6 eV
(0-5')								**Surface**: Concrete slab		36"/60"	
								Medium-coarse gravel, dry, no odor (0-8")	B-10		
								Grey SILT, some fine gravel, sample dry, no odors	(2-3')		
								(8-24")			
								Black fine SAND and brick/wood debris. Sample dry,			5.8
								chemical (VOC) odor (24-34")			
								Dark grey CLAY, sample dry, chemical (VOC) odor,			
								(34-36")			
5.0								Refusal at 5'			

GENERAL REMARKS:
f = fine-grained
m = medium-grained
c = coarse-grained
WH = weight of hammer

Well Legend

Sump		Casing	
Concrete		Screen	
Bentonite		Native Fill	
Sand Pack		Bedrock	

Laboratory soil sample collected at 2-3' below ground surface (bgs)

Alliance Environmental Group

Soil Boring and Well Construction Log

PROJECT:	3162-01	BORING NO.	B-11
LOCATION:	26 &46 Clarence Avenue, Buffalo, NY	PAGE 1 OF	1
DRILLING CO:	Coastal Environmental - Long Beach, NY	DATE STARTED:	10/28/2021
EQUIPMENT:	GeoProbe 6610 DT	DATE FINISHED:	10/28/2021
INSPECTED BY:	Timothy Nevins - Sr.Principal Scientist	SURFACE ELEVATION:	--

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED: X

DEPTH	STABILIZATION TIME

	SAMPLER	WELL CASING	WELL SCREEN
TYPE:			
SIZE ID:			
NOTES:			

SAMPLE DATA

DEPTH (feet)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches) 0-6	6-12	12-18	18-24	WELL DATA	STRATA CHANGE (feet)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/ RECOV (in./in.)	PID reading (ppmv) Lamp 10.6 eV
(0-5')								**Surface**: Concrete slab		28"/60"	
								Grey-black fine SAND, some fine gravel, trace	B-11		
								silt, trace brick debris, sample dry, no odors (0-20")	(24-28")		
								Dark brown-black silt and clay, sample dry, no odor			
								(20-24")			
								Dark brown SILT, some dark brown clay, trace fine			42.2
								gravel, sample dry, chemical (VOC) odor (24-28")			
								Refusal at 4'			
5.0											

GENERAL REMARKS:
f = fine-grained
m = medium-grained
c = coarse-grained
WH = weight of hammer

Well Legend

Sump		Casing	
Concrete		Screen	
Bentonite		Native Fill	
Sand Pack		Bedrock	

Laboratory soil sample collected at 24-28" below ground surface (bgs)

Alliance Environmental Group

Soil Boring and Well Construction Log

PROJECT:	3162-01	BORING NO.	B-12
LOCATION:	26 & 46 Clarence Avenue, Buffalo, NY	PAGE 1 OF	1
DRILLING CO:	Coastal Environmental - Long Beach, NY	DATE STARTED:	10/28/2021
EQUIPMENT:	GeoProbe 6610 DT	DATE FINISHED:	10/28/2021
INSPECTED BY:	Timothy Nevins - Sr.Principal Scientist	SURFACE ELEVATION:	--

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED: X

DEPTH	STABILIZATION TIME

	SAMPLER	WELL CASING	WELL SCREEN
TYPE:			
SIZE ID:			
NOTES:			

SAMPLE DATA

DEPTH (feet)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches) 0-6	6-12	12-18	18-24	WELL DATA	STRATA CHANGE (feet)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/ RECOV (in./in.)	PID reading (ppmv) Lamp 10.6 eV
(0-5')								**Surface**: Concrete slab		36"/60"	
								Concrete debris (0-4")	B-12		
								Dark brown-black fine SAND, some silt, some fine	(1-1.5')		
								gravel, sample dry, organic (peat) odor (4"-20")			0.2
								Dark grey CLAY and silt, sample dry, slight organic			
								(peat) odor (20"-34")			
								Dark grey CLAY and SILT, trace fine sand and gravel,			
								sample moist, slight organic (peat) odor (34-36")			
								Refusal at 4'			
5.0											

GENERAL REMARKS:
f = fine-grained
m = medium-grained
c = coarse-grained
WH = weight of hammer

Well Legend

Sump, Concrete, Bentonite, Sand Pack

Casing, Screen, Native Fill, Bedrock

Laboratory soil sample collected at 1-1.5' below ground surface (bgs)

Alliance Environmental Group

Soil Boring and Well Construction Log

PROJECT:	3162-01	BORING NO.	B-13
LOCATION:	26 & 46 Clarence Avenue, Buffalo, NY	PAGE 1 OF	1
DRILLING CO:	Coastal Environmental - Long Beach, NY	DATE STARTED:	10/28/2021
EQUIPMENT:	GeoProbe 6610 DT	DATE FINISHED:	10/28/2021
INSPECTED BY:	Timothy Nevins - Sr.Principal Scientist	SURFACE ELEVATION:	--

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED: X

DEPTH	STABILIZATION TIME

	SAMPLER	WELL CASING	WELL SCREEN
TYPE:			
SIZE ID:			
NOTES:			

SAMPLE DATA

DEPTH (feet)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches) 0-6	6-12	12-18	18-24	WELL DATA	STRATA CHANGE (feet)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/ RECOV (in./in.)	PID reading (ppmv) Lamp 10.6 eV
(0-5')								**Surface**: Concrete slab		60"/60"	
								Concrete debris (0-15")	B-13		
								Light brown SILT, some fine gravel, sample dry,	(28-46")		
								no odor (15"-28")			
								Black SILT, some fine sand and fine gravel, sample			8.8
								dry, chemical (VOC) odor (28-40")			
								Dark brown CLAY and silt, dry, no odor (40-50")			
								Light brown CLAY and silt, trace fine gravel, dry			
								(50-60")			
5.0								Refusal at 5'			

GENERAL REMARKS:
f = fine-grained
m = medium-grained
c = coarse-grained
WH = weight of hammer

Well Legend

Sump, Concrete, Bentonite, Sand Pack

Casing, Screen, Native Fill, Bedrock

Laboratory soil sample collected at 28-46" below ground surface (bgs)

Alliance Environmental Group

Soil Boring and Well Construction Log

PROJECT:	3162-01	BORING NO.	B-14
LOCATION:	26 & 46 Clarence Avenue, Buffalo, NY	PAGE 1 OF	1
DRILLING CO:	Coastal Environmental - Long Beach, NY	DATE STARTED:	10/28/2021
EQUIPMENT:	GeoProbe 6610 DT	DATE FINISHED:	10/28/2021
INSPECTED BY:	Timothy Nevins - Sr.Principal Scientist	SURFACE ELEVATION:	--

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED: X

DEPTH	STABILIZATION TIME

	SAMPLER	WELL CASING	WELL SCREEN
TYPE:			
SIZE ID:			
NOTES:			

SAMPLE DATA

DEPTH (feet)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches) 0-6	6-12	12-18	18-24	WELL DATA	STRATA CHANGE (feet)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/ RECOV (in./in.)	PID reading (ppmv) Lamp 10.6 eV
(0-5')								**Surface**: Concrete slab		48"/60"	
								Concrete debris (0-6")	B-14 (2-3'		
								Dark grey-black fine SAND and silt, some fine gravel,	and 3-4')		
								sample dry, no odor (6"-15")			
								Black fine SAND, trace silt, trace fine gravel, sample			8.6
								dry, chemical (VOC) odor (15-32")			
								Black-dark grey CLAY, some fine gravel, sample			
								mosit, chemical (VOC) odor (32-48")			41.8
5.0								Refusal at 4'			

GENERAL REMARKS:
f = fine-grained
m = medium-grained
c = coarse-grained
WH = weight of hammer

Well Legend

Sump, Concrete, Bentonite, Sand Pack

Casing, Screen, Native Fill, Bedrock

Laboratory soil samples collected at 2-3' and 3-4' below ground surface (bgs)

Alliance Environmental Group		Soil Boring and Well Construction Log	
PROJECT:	3162-01	BORING NO.	B-15
LOCATION:	26 & 46 Clarence Avenue, Buffalo, NY	PAGE 1 OF	1
DRILLING CO:	Coastal Environmental - Long Beach, NY	DATE STARTED:	10/28/2021
EQUIPMENT:	GeoProbe 6610 DT	DATE FINISHED:	10/28/2021
INSPECTED BY:	Timothy Nevins - Sr.Principal Scientist	SURFACE ELEVATION:	--

GROUNDWATER OBSERVATIONS

NOT ENCOUNTERED: X

DEPTH	STABILIZATION TIME

	SAMPLER	WELL CASING	WELL SCREEN
TYPE:			
SIZE ID:			
NOTES:			

SAMPLE DATA

DEPTH (feet)	SAMPLING DEPTH FROM - TO	HAMMER BLOWS ON SAMPLER (inches) 0-6	6-12	12-18	18-24	WELL DATA	STRATA CHANGE (feet)	LITHOLOGY (Description of materials)	SAMPLE ID	PEN/ RECOV (in./in.)	PID reading (ppmv) Lamp 10.6 eV
(0-5')								**Surface**: Concrete slab		36"/60"	
								Concrete debris (0-10")	B-15		
								Black-grey fine SAND and fine gravel, trace silt, trace	(28-32")		
								brick debris, sample dry, no odor (10-24")			
								Dark grey clayey SILT, trace rock fragments, sample			
								dry, chemical (VOC) odor (24-36")			62.4
								Refusal at 4'			
5.0											

GENERAL REMARKS:
f = fine-grained
m = medium-grained
c = coarse-grained
WH = weight of hammer

Well Legend

Sump		Casing	
Concrete		Screen	
Bentonite		Native Fill	
Sand Pack		Bedrock	

Laboratory soil sample collected at 28-32" below ground surface (bgs)

APPENDIX D

Soil Laboratory Analytical Reports

ANALYTICAL REPORT

Lab Number:	L2158957
Client:	Alliance Environmental Group 100 Jefferson Boulevard Suite 220 Warwick, RI 02888
ATTN:	Tim Nevins
Phone:	(401) 732-7600
Project Name:	26+46 CLARENCE AVE
Project Number:	3162-01
Report Date:	11/10/21

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158957
Report Date: 11/10/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2158957-01	DR-4	SOIL	26 CLARENCE AVE., BUFFALO, NY	10/27/21 15:00	10/27/21
L2158957-02	DR-1	SOIL	26 CLARENCE AVE., BUFFALO, NY	10/27/21 14:12	10/27/21
L2158957-03	DR-3	SOIL	26 CLARENCE AVE., BUFFALO, NY	10/27/21 14:51	10/27/21
L2158957-04	DR-5	SOIL	26 CLARENCE AVE., BUFFALO, NY	10/27/21 15:12	10/27/21

Project Name:	26+46 CLARENCE AVE	**Lab Number:**	L2158957
Project Number:	3162-01	**Report Date:**	11/10/21

Case Narrative

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

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

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

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

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

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

Project Name:	26+46 CLARENCE AVE	**Lab Number:**	L2158957
Project Number:	3162-01	**Report Date:**	11/10/21

Case Narrative (continued)

Report Submission

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

Volatile Organics

L2158957-03R: One or more of the internal standard recoveries is outside the acceptance criteria; however, the internal standard is within criteria for the target compounds; therefore, the results are reported.

Semivolatile Organics

L2158957-03D and -04D: The sample has elevated detection limits due to the dilution required by the sample matrix.

The WG1568177-3 LCSD recovery, associated with L2158957-01, -02, -03D, and -04D, is below the acceptance criteria for benzoic acid (8%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

L2158957-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

Cyanide, Total

The WG1568759-2/-3 LCS/LCSD recoveries for cyanide, total (64%/58%), associated with L2158957-01 through -04, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

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

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 11/10/21

ORGANICS

VOLATILES

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158957
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-01
Client ID: DR-4
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 15:00
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/08/21 13:58
Analyst: AJK
Percent Solids: 51%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	9.3	4.3	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.27	1
Chloroform	ND		ug/kg	2.8	0.26	1
Carbon tetrachloride	ND		ug/kg	1.9	0.43	1
1,2-Dichloropropane	ND		ug/kg	1.9	0.23	1
Dibromochloromethane	ND		ug/kg	1.9	0.26	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.50	1
Tetrachloroethene	0.52	J	ug/kg	0.93	0.36	1
Chlorobenzene	ND		ug/kg	0.93	0.24	1
Trichlorofluoromethane	ND		ug/kg	7.4	1.3	1
1,2-Dichloroethane	ND		ug/kg	1.9	0.48	1
1,1,1-Trichloroethane	ND		ug/kg	0.93	0.31	1
Bromodichloromethane	ND		ug/kg	0.93	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.9	0.51	1
cis-1,3-Dichloropropene	ND		ug/kg	0.93	0.29	1
1,3-Dichloropropene, Total	ND		ug/kg	0.93	0.29	1
1,1-Dichloropropene	ND		ug/kg	0.93	0.30	1
Bromoform	ND		ug/kg	7.4	0.46	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.93	0.31	1
Benzene	ND		ug/kg	0.93	0.31	1
Toluene	ND		ug/kg	1.9	1.0	1
Ethylbenzene	ND		ug/kg	1.9	0.26	1
Chloromethane	ND		ug/kg	7.4	1.7	1
Bromomethane	ND		ug/kg	3.7	1.1	1
Vinyl chloride	ND		ug/kg	1.9	0.62	1
Chloroethane	ND		ug/kg	3.7	0.84	1
1,1-Dichloroethene	ND		ug/kg	1.9	0.44	1
trans-1,2-Dichloroethene	ND		ug/kg	2.8	0.26	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158957

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-01 Date Collected: 10/27/21 15:00

Client ID: DR-4 Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	1.2		ug/kg	0.93	0.26	1
1,2-Dichlorobenzene	ND		ug/kg	3.7	0.27	1
1,3-Dichlorobenzene	ND		ug/kg	3.7	0.28	1
1,4-Dichlorobenzene	0.54	J	ug/kg	3.7	0.32	1
Methyl tert butyl ether	ND		ug/kg	3.7	0.37	1
p/m-Xylene	ND		ug/kg	3.7	1.0	1
o-Xylene	ND		ug/kg	1.9	0.54	1
Xylenes, Total	ND		ug/kg	1.9	0.54	1
cis-1,2-Dichloroethene	ND		ug/kg	1.9	0.33	1
1,2-Dichloroethene, Total	ND		ug/kg	1.9	0.26	1
Dibromomethane	ND		ug/kg	3.7	0.44	1
Styrene	ND		ug/kg	1.9	0.36	1
Dichlorodifluoromethane	ND		ug/kg	19	1.7	1
Acetone	ND		ug/kg	19	9.0	1
Carbon disulfide	ND		ug/kg	19	8.5	1
2-Butanone	ND		ug/kg	19	4.1	1
Vinyl acetate	ND		ug/kg	19	4.0	1
4-Methyl-2-pentanone	ND		ug/kg	19	2.4	1
1,2,3-Trichloropropane	ND		ug/kg	3.7	0.24	1
2-Hexanone	ND		ug/kg	19	2.2	1
Bromochloromethane	ND		ug/kg	3.7	0.38	1
2,2-Dichloropropane	ND		ug/kg	3.7	0.38	1
1,2-Dibromoethane	ND		ug/kg	1.9	0.52	1
1,3-Dichloropropane	ND		ug/kg	3.7	0.31	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.93	0.24	1
Bromobenzene	ND		ug/kg	3.7	0.27	1
n-Butylbenzene	ND		ug/kg	1.9	0.31	1
sec-Butylbenzene	ND		ug/kg	1.9	0.27	1
tert-Butylbenzene	ND		ug/kg	3.7	0.22	1
o-Chlorotoluene	ND		ug/kg	3.7	0.36	1
p-Chlorotoluene	ND		ug/kg	3.7	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	1.8	1
Hexachlorobutadiene	ND		ug/kg	7.4	0.31	1
Isopropylbenzene	ND		ug/kg	1.9	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.9	0.20	1
Naphthalene	ND		ug/kg	7.4	1.2	1
Acrylonitrile	ND		ug/kg	7.4	2.1	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158957

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-01 Date Collected: 10/27/21 15:00

Client ID: DR-4 Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.9	0.32	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.7	0.60	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.7	0.51	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.7	0.36	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.7	0.62	1
1,4-Dioxane	ND		ug/kg	150	65.	1
p-Diethylbenzene	ND		ug/kg	3.7	0.33	1
p-Ethyltoluene	ND		ug/kg	3.7	0.72	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.7	0.36	1
Ethyl ether	ND		ug/kg	3.7	0.64	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.3	2.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-02
Client ID: DR-1
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 14:12
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/08/21 14:24
Analyst: AJK
Percent Solids: 49%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	12	5.3	1
1,1-Dichloroethane	ND		ug/kg	2.3	0.34	1
Chloroform	ND		ug/kg	3.5	0.32	1
Carbon tetrachloride	ND		ug/kg	2.3	0.53	1
1,2-Dichloropropane	ND		ug/kg	2.3	0.29	1
Dibromochloromethane	ND		ug/kg	2.3	0.32	1
1,1,2-Trichloroethane	ND		ug/kg	2.3	0.62	1
Tetrachloroethene	130		ug/kg	1.2	0.46	1
Chlorobenzene	ND		ug/kg	1.2	0.29	1
Trichlorofluoromethane	ND		ug/kg	9.3	1.6	1
1,2-Dichloroethane	ND		ug/kg	2.3	0.60	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.39	1
Bromodichloromethane	ND		ug/kg	1.2	0.25	1
trans-1,3-Dichloropropene	ND		ug/kg	2.3	0.63	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.37	1
1,3-Dichloropropene, Total	ND		ug/kg	1.2	0.37	1
1,1-Dichloropropene	ND		ug/kg	1.2	0.37	1
Bromoform	ND		ug/kg	9.3	0.57	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.38	1
Benzene	ND		ug/kg	1.2	0.38	1
Toluene	ND		ug/kg	2.3	1.3	1
Ethylbenzene	ND		ug/kg	2.3	0.33	1
Chloromethane	ND		ug/kg	9.3	2.2	1
Bromomethane	ND		ug/kg	4.6	1.3	1
Vinyl chloride	ND		ug/kg	2.3	0.78	1
Chloroethane	1.1	J	ug/kg	4.6	1.0	1
1,1-Dichloroethene	ND		ug/kg	2.3	0.55	1
trans-1,2-Dichloroethene	ND		ug/kg	3.5	0.32	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158957

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-02 Date Collected: 10/27/21 14:12

Client ID: DR-1 Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	2.4		ug/kg	1.2	0.32	1
1,2-Dichlorobenzene	ND		ug/kg	4.6	0.33	1
1,3-Dichlorobenzene	ND		ug/kg	4.6	0.34	1
1,4-Dichlorobenzene	ND		ug/kg	4.6	0.40	1
Methyl tert butyl ether	ND		ug/kg	4.6	0.47	1
p/m-Xylene	ND		ug/kg	4.6	1.3	1
o-Xylene	ND		ug/kg	2.3	0.68	1
Xylenes, Total	ND		ug/kg	2.3	0.68	1
cis-1,2-Dichloroethene	0.48	J	ug/kg	2.3	0.41	1
1,2-Dichloroethene, Total	0.48	J	ug/kg	2.3	0.32	1
Dibromomethane	ND		ug/kg	4.6	0.55	1
Styrene	ND		ug/kg	2.3	0.46	1
Dichlorodifluoromethane	ND		ug/kg	23	2.1	1
Acetone	220		ug/kg	23	11.	1
Carbon disulfide	ND		ug/kg	23	10.	1
2-Butanone	7.9	J	ug/kg	23	5.2	1
Vinyl acetate	ND		ug/kg	23	5.0	1
4-Methyl-2-pentanone	ND		ug/kg	23	3.0	1
1,2,3-Trichloropropane	ND		ug/kg	4.6	0.29	1
2-Hexanone	ND		ug/kg	23	2.7	1
Bromochloromethane	ND		ug/kg	4.6	0.48	1
2,2-Dichloropropane	ND		ug/kg	4.6	0.47	1
1,2-Dibromoethane	ND		ug/kg	2.3	0.65	1
1,3-Dichloropropane	ND		ug/kg	4.6	0.39	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.31	1
Bromobenzene	ND		ug/kg	4.6	0.34	1
n-Butylbenzene	ND		ug/kg	2.3	0.39	1
sec-Butylbenzene	ND		ug/kg	2.3	0.34	1
tert-Butylbenzene	ND		ug/kg	4.6	0.27	1
o-Chlorotoluene	ND		ug/kg	4.6	0.44	1
p-Chlorotoluene	ND		ug/kg	4.6	0.25	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.0	2.3	1
Hexachlorobutadiene	ND		ug/kg	9.3	0.39	1
Isopropylbenzene	ND		ug/kg	2.3	0.25	1
p-Isopropyltoluene	ND		ug/kg	2.3	0.25	1
Naphthalene	ND		ug/kg	9.3	1.5	1
Acrylonitrile	ND		ug/kg	9.3	2.7	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158957

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-02 Date Collected: 10/27/21 14:12

Client ID: DR-1 Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	2.3	0.40	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.6	0.75	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.6	0.63	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.6	0.45	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.6	0.78	1
1,4-Dioxane	ND		ug/kg	180	81.	1
p-Diethylbenzene	ND		ug/kg	4.6	0.41	1
p-Ethyltoluene	ND		ug/kg	4.6	0.89	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.6	0.44	1
Ethyl ether	ND		ug/kg	4.6	0.79	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	12	3.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	107		70-130

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158957
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-03
Client ID: DR-3
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 14:51
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/07/21 22:53
Analyst: MKS
Percent Solids: 50%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	9.9	4.5	1
1,1-Dichloroethane	1.6	J	ug/kg	2.0	0.29	1
Chloroform	ND		ug/kg	3.0	0.28	1
Carbon tetrachloride	ND		ug/kg	2.0	0.46	1
1,2-Dichloropropane	ND		ug/kg	2.0	0.25	1
Dibromochloromethane	ND		ug/kg	2.0	0.28	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.53	1
Chlorobenzene	ND		ug/kg	0.99	0.25	1
Trichlorofluoromethane	ND		ug/kg	7.9	1.4	1
1,2-Dichloroethane	ND		ug/kg	2.0	0.51	1
1,1,1-Trichloroethane	ND		ug/kg	0.99	0.33	1
Bromodichloromethane	ND		ug/kg	0.99	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	2.0	0.54	1
cis-1,3-Dichloropropene	ND		ug/kg	0.99	0.31	1
1,3-Dichloropropene, Total	ND		ug/kg	0.99	0.31	1
1,1-Dichloropropene	ND		ug/kg	0.99	0.31	1
Bromoform	ND		ug/kg	7.9	0.49	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.99	0.33	1
Benzene	0.42	J	ug/kg	0.99	0.33	1
Toluene	8.4		ug/kg	2.0	1.1	1
Ethylbenzene	1.9	J	ug/kg	2.0	0.28	1
Chloromethane	ND		ug/kg	7.9	1.8	1
Bromomethane	ND		ug/kg	4.0	1.2	1
Vinyl chloride	ND		ug/kg	2.0	0.66	1
Chloroethane	1.1	J	ug/kg	4.0	0.90	1
1,1-Dichloroethene	ND		ug/kg	2.0	0.47	1
trans-1,2-Dichloroethene	ND		ug/kg	3.0	0.27	1
Trichloroethene	ND		ug/kg	0.99	0.27	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158957

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-03 Date Collected: 10/27/21 14:51

Client ID: DR-3 Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	4.0	0.28	1
1,3-Dichlorobenzene	ND		ug/kg	4.0	0.29	1
1,4-Dichlorobenzene	1.1	J	ug/kg	4.0	0.34	1
Methyl tert butyl ether	ND		ug/kg	4.0	0.40	1
p/m-Xylene	1.2	J	ug/kg	4.0	1.1	1
o-Xylene	0.89	J	ug/kg	2.0	0.58	1
Xylenes, Total	2.1	J	ug/kg	2.0	0.58	1
cis-1,2-Dichloroethene	ND		ug/kg	2.0	0.35	1
1,2-Dichloroethene, Total	ND		ug/kg	2.0	0.27	1
Dibromomethane	ND		ug/kg	4.0	0.47	1
Styrene	0.41	J	ug/kg	2.0	0.39	1
Dichlorodifluoromethane	ND		ug/kg	20	1.8	1
Acetone	530		ug/kg	20	9.5	1
Carbon disulfide	18	J	ug/kg	20	9.0	1
2-Butanone	480		ug/kg	20	4.4	1
Vinyl acetate	ND		ug/kg	20	4.2	1
4-Methyl-2-pentanone	ND		ug/kg	20	2.5	1
1,2,3-Trichloropropane	ND		ug/kg	4.0	0.25	1
2-Hexanone	4.4	J	ug/kg	20	2.3	1
Bromochloromethane	ND		ug/kg	4.0	0.41	1
2,2-Dichloropropane	ND		ug/kg	4.0	0.40	1
1,2-Dibromoethane	ND		ug/kg	2.0	0.55	1
1,3-Dichloropropane	ND		ug/kg	4.0	0.33	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.99	0.26	1
Bromobenzene	ND		ug/kg	4.0	0.29	1
n-Butylbenzene	ND		ug/kg	2.0	0.33	1
sec-Butylbenzene	1.8	J	ug/kg	2.0	0.29	1
tert-Butylbenzene	ND		ug/kg	4.0	0.23	1
o-Chlorotoluene	ND		ug/kg	4.0	0.38	1
p-Chlorotoluene	ND		ug/kg	4.0	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.9	2.0	1
Hexachlorobutadiene	ND		ug/kg	7.9	0.33	1
Isopropylbenzene	0.43	J	ug/kg	2.0	0.22	1
p-Isopropyltoluene	18		ug/kg	2.0	0.22	1
Naphthalene	ND		ug/kg	7.9	1.3	1
Acrylonitrile	ND		ug/kg	7.9	2.3	1
n-Propylbenzene	ND		ug/kg	2.0	0.34	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158957

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-03 Date Collected: 10/27/21 14:51

Client ID: DR-3 Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/kg	4.0	0.64	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.0	0.54	1
1,3,5-Trimethylbenzene	0.59	J	ug/kg	4.0	0.38	1
1,2,4-Trimethylbenzene	0.92	J	ug/kg	4.0	0.66	1
1,4-Dioxane	ND		ug/kg	160	70.	1
p-Diethylbenzene	ND		ug/kg	4.0	0.35	1
p-Ethyltoluene	ND		ug/kg	4.0	0.76	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.38	1
Ethyl ether	ND		ug/kg	4.0	0.68	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.9	2.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	127		70-130
Dibromofluoromethane	101		70-130

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158957
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-03 R
Client ID: DR-3
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 14:51
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/08/21 18:59
Analyst: MKS
Percent Solids: 50%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Tetrachloroethene	0.70	J	ug/kg	0.93	0.36	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	100		70-130

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158957
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-04
Client ID: DR-5
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 15:12
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/07/21 23:13
Analyst: MKS
Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	430	200	1
1,1-Dichloroethane	2000		ug/kg	86	12.	1
Chloroform	ND		ug/kg	130	12.	1
Carbon tetrachloride	ND		ug/kg	86	20.	1
1,2-Dichloropropane	ND		ug/kg	86	11.	1
Dibromochloromethane	ND		ug/kg	86	12.	1
1,1,2-Trichloroethane	ND		ug/kg	86	23.	1
Tetrachloroethene	110		ug/kg	43	17.	1
Chlorobenzene	ND		ug/kg	43	11.	1
Trichlorofluoromethane	ND		ug/kg	340	60.	1
1,2-Dichloroethane	ND		ug/kg	86	22.	1
1,1,1-Trichloroethane	ND		ug/kg	43	14.	1
Bromodichloromethane	ND		ug/kg	43	9.4	1
trans-1,3-Dichloropropene	ND		ug/kg	86	24.	1
cis-1,3-Dichloropropene	ND		ug/kg	43	14.	1
1,3-Dichloropropene, Total	ND		ug/kg	43	14.	1
1,1-Dichloropropene	ND		ug/kg	43	14.	1
Bromoform	ND		ug/kg	340	21.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	43	14.	1
Benzene	ND		ug/kg	43	14.	1
Toluene	260		ug/kg	86	47.	1
Ethylbenzene	120		ug/kg	86	12.	1
Chloromethane	ND		ug/kg	340	80.	1
Bromomethane	ND		ug/kg	170	50.	1
Vinyl chloride	ND		ug/kg	86	29.	1
Chloroethane	ND		ug/kg	170	39.	1
1,1-Dichloroethene	ND		ug/kg	86	20.	1
trans-1,2-Dichloroethene	ND		ug/kg	130	12.	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158957

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-04 Date Collected: 10/27/21 15:12

Client ID: DR-5 Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	73		ug/kg	43	12.	1
1,2-Dichlorobenzene	12	J	ug/kg	170	12.	1
1,3-Dichlorobenzene	ND		ug/kg	170	13.	1
1,4-Dichlorobenzene	120	J	ug/kg	170	15.	1
Methyl tert butyl ether	ND		ug/kg	170	17.	1
p/m-Xylene	570		ug/kg	170	48.	1
o-Xylene	320		ug/kg	86	25.	1
Xylenes, Total	890		ug/kg	86	25.	1
cis-1,2-Dichloroethene	21	J	ug/kg	86	15.	1
1,2-Dichloroethene, Total	21	J	ug/kg	86	12.	1
Dibromomethane	ND		ug/kg	170	20.	1
Styrene	20	J	ug/kg	86	17.	1
Dichlorodifluoromethane	ND		ug/kg	860	79.	1
Acetone	ND		ug/kg	860	420	1
Carbon disulfide	ND		ug/kg	860	390	1
2-Butanone	190	J	ug/kg	860	190	1
Vinyl acetate	ND		ug/kg	860	180	1
4-Methyl-2-pentanone	ND		ug/kg	860	110	1
1,2,3-Trichloropropane	ND		ug/kg	170	11.	1
2-Hexanone	ND		ug/kg	860	100	1
Bromochloromethane	ND		ug/kg	170	18.	1
2,2-Dichloropropane	ND		ug/kg	170	17.	1
1,2-Dibromoethane	ND		ug/kg	86	24.	1
1,3-Dichloropropane	ND		ug/kg	170	14.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	43	11.	1
Bromobenzene	ND		ug/kg	170	12.	1
n-Butylbenzene	630		ug/kg	86	14.	1
sec-Butylbenzene	350		ug/kg	86	12.	1
tert-Butylbenzene	20	J	ug/kg	170	10.	1
o-Chlorotoluene	ND		ug/kg	170	16.	1
p-Chlorotoluene	ND		ug/kg	170	9.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	260	86.	1
Hexachlorobutadiene	ND		ug/kg	340	14.	1
Isopropylbenzene	61	J	ug/kg	86	9.4	1
p-Isopropyltoluene	380		ug/kg	86	9.4	1
Naphthalene	370		ug/kg	340	56.	1
Acrylonitrile	ND		ug/kg	340	99.	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158957

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-04 Date Collected: 10/27/21 15:12

Client ID: DR-5 Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	340		ug/kg	86	15.	1
1,2,3-Trichlorobenzene	ND		ug/kg	170	28.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	23.	1
1,3,5-Trimethylbenzene	1400		ug/kg	170	17.	1
1,2,4-Trimethylbenzene	3600		ug/kg	170	29.	1
1,4-Dioxane	ND		ug/kg	6900	3000	1
p-Diethylbenzene	2900		ug/kg	170	15.	1
p-Ethyltoluene	1800		ug/kg	170	33.	1
1,2,4,5-Tetramethylbenzene	430		ug/kg	170	16.	1
Ethyl ether	ND		ug/kg	170	29.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	430	120	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	99		70-130

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158957

Project Number: 3162-01 **Report Date:** 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/07/21 15:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04 Batch: WG1568726-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/07/21 15:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04 Batch: WG1568726-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	8.8	J	ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/07/21 15:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04 Batch: WG1568726-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/07/21 15:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1568727-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158957

Project Number: 3162-01 **Report Date:** 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/07/21 15:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1568727-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	0.18	J	ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/07/21 15:59
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1568727-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/08/21 10:01
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1568885-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/08/21 10:01
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1568885-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/08/21 10:01
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02 Batch: WG1568885-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	109		70-130

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/08/21 17:57
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1568917-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158957

Project Number: 3162-01 **Report Date:** 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/08/21 17:57
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1568917-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/08/21 17:57
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG1568917-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04 Batch: WG1568726-3 WG1568726-4								
Methylene chloride	91		92		70-130	1		30
1,1-Dichloroethane	91		90		70-130	1		30
Chloroform	94		93		70-130	1		30
Carbon tetrachloride	98		97		70-130	1		30
1,2-Dichloropropane	96		95		70-130	1		30
Dibromochloromethane	95		97		70-130	2		30
1,1,2-Trichloroethane	92		93		70-130	1		30
Tetrachloroethene	102		102		70-130	0		30
Chlorobenzene	96		93		70-130	3		30
Trichlorofluoromethane	96		92		70-139	4		30
1,2-Dichloroethane	88		89		70-130	1		30
1,1,1-Trichloroethane	98		98		70-130	0		30
Bromodichloromethane	92		92		70-130	0		30
trans-1,3-Dichloropropene	85		87		70-130	2		30
cis-1,3-Dichloropropene	98		100		70-130	2		30
1,1-Dichloropropene	101		98		70-130	3		30
Bromoform	83		88		70-130	6		30
1,1,2,2-Tetrachloroethane	91		97		70-130	6		30
Benzene	95		94		70-130	1		30
Toluene	94		95		70-130	1		30
Ethylbenzene	98		95		70-130	3		30
Chloromethane	89		85		52-130	5		30
Bromomethane	93		86		57-147	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04 Batch: WG1568726-3 WG1568726-4								
Vinyl chloride	95		92		67-130	3		30
Chloroethane	82		78		50-151	5		30
1,1-Dichloroethene	98		94		65-135	4		30
trans-1,2-Dichloroethene	94		92		70-130	2		30
Trichloroethene	97		97		70-130	0		30
1,2-Dichlorobenzene	93		93		70-130	0		30
1,3-Dichlorobenzene	95		95		70-130	0		30
1,4-Dichlorobenzene	93		94		70-130	1		30
Methyl tert butyl ether	99		99		66-130	0		30
p/m-Xylene	98		98		70-130	0		30
o-Xylene	98		97		70-130	1		30
cis-1,2-Dichloroethene	94		93		70-130	1		30
Dibromomethane	88		90		70-130	2		30
Styrene	101		98		70-130	3		30
Dichlorodifluoromethane	94		91		30-146	3		30
Acetone	69		80		54-140	15		30
Carbon disulfide	91		89		59-130	2		30
2-Butanone	73		79		70-130	8		30
Vinyl acetate	96		101		70-130	5		30
4-Methyl-2-pentanone	88		93		70-130	6		30
1,2,3-Trichloropropane	88		92		68-130	4		30
2-Hexanone	85		94		70-130	10		30
Bromochloromethane	93		93		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04 Batch: WG1568726-3 WG1568726-4								
2,2-Dichloropropane	96		94		70-130	2		30
1,2-Dibromoethane	96		99		70-130	3		30
1,3-Dichloropropane	93		94		69-130	1		30
1,1,1,2-Tetrachloroethane	87		88		70-130	1		30
Bromobenzene	93		94		70-130	1		30
n-Butylbenzene	99		97		70-130	2		30
sec-Butylbenzene	99		98		70-130	1		30
tert-Butylbenzene	97		97		70-130	0		30
o-Chlorotoluene	93		93		70-130	0		30
p-Chlorotoluene	96		94		70-130	2		30
1,2-Dibromo-3-chloropropane	83		88		68-130	6		30
Hexachlorobutadiene	94		94		67-130	0		30
Isopropylbenzene	96		96		70-130	0		30
p-Isopropyltoluene	100		99		70-130	1		30
Naphthalene	88		92		70-130	4		30
Acrylonitrile	83		88		70-130	6		30
n-Propylbenzene	97		96		70-130	1		30
1,2,3-Trichlorobenzene	91		93		70-130	2		30
1,2,4-Trichlorobenzene	97		94		70-130	3		30
1,3,5-Trimethylbenzene	97		97		70-130	0		30
1,2,4-Trimethylbenzene	97		96		70-130	1		30
1,4-Dioxane	98		98		65-136	0		30
p-Diethylbenzene	100		99		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04 Batch: WG1568726-3 WG1568726-4								
p-Ethyltoluene	99		96		70-130	3		30
1,2,4,5-Tetramethylbenzene	99		97		70-130	2		30
Ethyl ether	89		89		67-130	0		30
trans-1,4-Dichloro-2-butene	85		88		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		93		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	95		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1568727-3 WG1568727-4								
Methylene chloride	91		92		70-130	1		30
1,1-Dichloroethane	91		90		70-130	1		30
Chloroform	94		93		70-130	1		30
Carbon tetrachloride	98		97		70-130	1		30
1,2-Dichloropropane	96		95		70-130	1		30
Dibromochloromethane	95		97		70-130	2		30
1,1,2-Trichloroethane	92		93		70-130	1		30
Tetrachloroethene	102		102		70-130	0		30
Chlorobenzene	96		93		70-130	3		30
Trichlorofluoromethane	96		92		70-139	4		30
1,2-Dichloroethane	88		89		70-130	1		30
1,1,1-Trichloroethane	98		98		70-130	0		30
Bromodichloromethane	92		92		70-130	0		30
trans-1,3-Dichloropropene	85		87		70-130	2		30
cis-1,3-Dichloropropene	98		100		70-130	2		30
1,1-Dichloropropene	101		98		70-130	3		30
Bromoform	83		88		70-130	6		30
1,1,2,2-Tetrachloroethane	91		97		70-130	6		30
Benzene	95		94		70-130	1		30
Toluene	94		95		70-130	1		30
Ethylbenzene	98		95		70-130	3		30
Chloromethane	89		85		52-130	5		30
Bromomethane	93		86		57-147	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1568727-3 WG1568727-4								
Vinyl chloride	95		92		67-130	3		30
Chloroethane	82		78		50-151	5		30
1,1-Dichloroethene	98		94		65-135	4		30
trans-1,2-Dichloroethene	94		92		70-130	2		30
Trichloroethene	97		97		70-130	0		30
1,2-Dichlorobenzene	93		93		70-130	0		30
1,3-Dichlorobenzene	95		95		70-130	0		30
1,4-Dichlorobenzene	93		94		70-130	1		30
Methyl tert butyl ether	99		99		66-130	0		30
p/m-Xylene	98		98		70-130	0		30
o-Xylene	98		97		70-130	1		30
cis-1,2-Dichloroethene	94		93		70-130	1		30
Dibromomethane	88		90		70-130	2		30
Styrene	101		98		70-130	3		30
Dichlorodifluoromethane	94		91		30-146	3		30
Acetone	69		80		54-140	15		30
Carbon disulfide	91		89		59-130	2		30
2-Butanone	73		79		70-130	8		30
Vinyl acetate	96		101		70-130	5		30
4-Methyl-2-pentanone	88		93		70-130	6		30
1,2,3-Trichloropropane	88		92		68-130	4		30
2-Hexanone	85		94		70-130	10		30
Bromochloromethane	93		93		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1568727-3 WG1568727-4								
2,2-Dichloropropane	96		94		70-130	2		30
1,2-Dibromoethane	96		99		70-130	3		30
1,3-Dichloropropane	93		94		69-130	1		30
1,1,1,2-Tetrachloroethane	87		88		70-130	1		30
Bromobenzene	93		94		70-130	1		30
n-Butylbenzene	99		97		70-130	2		30
sec-Butylbenzene	99		98		70-130	1		30
tert-Butylbenzene	97		97		70-130	0		30
o-Chlorotoluene	93		93		70-130	0		30
p-Chlorotoluene	96		94		70-130	2		30
1,2-Dibromo-3-chloropropane	83		88		68-130	6		30
Hexachlorobutadiene	94		94		67-130	0		30
Isopropylbenzene	96		96		70-130	0		30
p-Isopropyltoluene	100		99		70-130	1		30
Naphthalene	88		92		70-130	4		30
Acrylonitrile	83		88		70-130	6		30
n-Propylbenzene	97		96		70-130	1		30
1,2,3-Trichlorobenzene	91		93		70-130	2		30
1,2,4-Trichlorobenzene	97		94		70-130	3		30
1,3,5-Trimethylbenzene	97		97		70-130	0		30
1,2,4-Trimethylbenzene	97		96		70-130	1		30
1,4-Dioxane	98		98		65-136	0		30
p-Diethylbenzene	100		99		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1568727-3 WG1568727-4								
p-Ethyltoluene	99		96		70-130	3		30
1,2,4,5-Tetramethylbenzene	99		97		70-130	2		30
Ethyl ether	89		89		67-130	0		30
trans-1,4-Dichloro-2-butene	85		88		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		93		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	95		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158957
Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1568885-3 WG1568885-4								
Methylene chloride	88		83		70-130	6		30
1,1-Dichloroethane	108		99		70-130	9		30
Chloroform	111		106		70-130	5		30
Carbon tetrachloride	**135**	Q	122		70-130	10		30
1,2-Dichloropropane	102		96		70-130	6		30
Dibromochloromethane	102		100		70-130	2		30
1,1,2-Trichloroethane	95		95		70-130	0		30
Tetrachloroethene	112		103		70-130	8		30
Chlorobenzene	104		98		70-130	6		30
Trichlorofluoromethane	133		118		70-139	12		30
1,2-Dichloroethane	121		114		70-130	6		30
1,1,1-Trichloroethane	130		118		70-130	10		30
Bromodichloromethane	118		111		70-130	6		30
trans-1,3-Dichloropropene	99		97		70-130	2		30
cis-1,3-Dichloropropene	99		95		70-130	4		30
1,1-Dichloropropene	114		104		70-130	9		30
Bromoform	96		93		70-130	3		30
1,1,2,2-Tetrachloroethane	91		91		70-130	0		30
Benzene	100		92		70-130	8		30
Toluene	102		95		70-130	7		30
Ethylbenzene	110		102		70-130	8		30
Chloromethane	111		97		52-130	13		30
Bromomethane	90		77		57-147	16		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1568885-3 WG1568885-4								
Vinyl chloride	100		87		67-130	14		30
Chloroethane	97		83		50-151	16		30
1,1-Dichloroethene	96		89		65-135	8		30
trans-1,2-Dichloroethene	100		92		70-130	8		30
Trichloroethene	111		102		70-130	8		30
1,2-Dichlorobenzene	107		99		70-130	8		30
1,3-Dichlorobenzene	107		100		70-130	7		30
1,4-Dichlorobenzene	104		98		70-130	6		30
Methyl tert butyl ether	99		97		66-130	2		30
p/m-Xylene	111		104		70-130	7		30
o-Xylene	112		106		70-130	6		30
cis-1,2-Dichloroethene	101		93		70-130	8		30
Dibromomethane	102		98		70-130	4		30
Styrene	113		107		70-130	5		30
Dichlorodifluoromethane	118		106		30-146	11		30
Acetone	82		78		54-140	5		30
Carbon disulfide	83		75		59-130	10		30
2-Butanone	82		84		70-130	2		30
Vinyl acetate	110		109		70-130	1		30
4-Methyl-2-pentanone	80		81		70-130	1		30
1,2,3-Trichloropropane	93		94		68-130	1		30
2-Hexanone	75		78		70-130	4		30
Bromochloromethane	103		96		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158957
Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1568885-3 WG1568885-4								
2,2-Dichloropropane	126		114		70-130	10		30
1,2-Dibromoethane	92		90		70-130	2		30
1,3-Dichloropropane	98		96		69-130	2		30
1,1,1,2-Tetrachloroethane	120		113		70-130	6		30
Bromobenzene	104		96		70-130	8		30
n-Butylbenzene	115		106		70-130	8		30
sec-Butylbenzene	114		104		70-130	9		30
tert-Butylbenzene	115		106		70-130	8		30
o-Chlorotoluene	108		101		70-130	7		30
p-Chlorotoluene	109		102		70-130	7		30
1,2-Dibromo-3-chloropropane	82		84		68-130	2		30
Hexachlorobutadiene	118		109		67-130	8		30
Isopropylbenzene	114		103		70-130	10		30
p-Isopropyltoluene	119		108		70-130	10		30
Naphthalene	101		100		70-130	1		30
Acrylonitrile	93		94		70-130	1		30
n-Propylbenzene	110		102		70-130	8		30
1,2,3-Trichlorobenzene	106		102		70-130	4		30
1,2,4-Trichlorobenzene	107		102		70-130	5		30
1,3,5-Trimethylbenzene	115		107		70-130	7		30
1,2,4-Trimethylbenzene	115		107		70-130	7		30
1,4-Dioxane	80		81		65-136	1		30
p-Diethylbenzene	116		107		70-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158957
Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG1568885-3 WG1568885-4								
p-Ethyltoluene	112		104		70-130	7		30
1,2,4,5-Tetramethylbenzene	116		106		70-130	9		30
Ethyl ether	76		71		67-130	7		30
trans-1,4-Dichloro-2-butene	116		115		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	115		117		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	104		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158957
Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1568917-3 WG1568917-4								
Methylene chloride	88		87		70-130	1		30
1,1-Dichloroethane	90		86		70-130	5		30
Chloroform	90		88		70-130	2		30
Carbon tetrachloride	94		92		70-130	2		30
1,2-Dichloropropane	90		89		70-130	1		30
Dibromochloromethane	91		94		70-130	3		30
1,1,2-Trichloroethane	90		92		70-130	2		30
Tetrachloroethene	102		98		70-130	4		30
Chlorobenzene	94		89		70-130	5		30
Trichlorofluoromethane	94		88		70-139	7		30
1,2-Dichloroethane	84		85		70-130	1		30
1,1,1-Trichloroethane	94		92		70-130	2		30
Bromodichloromethane	87		87		70-130	0		30
trans-1,3-Dichloropropene	83		84		70-130	1		30
cis-1,3-Dichloropropene	93		96		70-130	3		30
1,1-Dichloropropene	96		91		70-130	5		30
Bromoform	80		82		70-130	2		30
1,1,2,2-Tetrachloroethane	91		92		70-130	1		30
Benzene	92		89		70-130	3		30
Toluene	94		91		70-130	3		30
Ethylbenzene	95		91		70-130	4		30
Chloromethane	83		78		52-130	6		30
Bromomethane	88		81		57-147	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1568917-3 WG1568917-4								
Vinyl chloride	90		86		67-130	5		30
Chloroethane	76		74		50-151	3		30
1,1-Dichloroethene	94		90		65-135	4		30
trans-1,2-Dichloroethene	90		87		70-130	3		30
Trichloroethene	95		92		70-130	3		30
1,2-Dichlorobenzene	93		89		70-130	4		30
1,3-Dichlorobenzene	96		90		70-130	6		30
1,4-Dichlorobenzene	96		88		70-130	9		30
Methyl tert butyl ether	96		99		66-130	3		30
p/m-Xylene	96		92		70-130	4		30
o-Xylene	97		94		70-130	3		30
cis-1,2-Dichloroethene	91		89		70-130	2		30
Dibromomethane	84		85		70-130	1		30
Styrene	99		96		70-130	3		30
Dichlorodifluoromethane	90		86		30-146	5		30
Acetone	60		63		54-140	5		30
Carbon disulfide	87		83		59-130	5		30
2-Butanone	74		82		70-130	10		30
Vinyl acetate	92		97		70-130	5		30
4-Methyl-2-pentanone	84		92		70-130	9		30
1,2,3-Trichloropropane	86		89		68-130	3		30
2-Hexanone	88		94		70-130	7		30
Bromochloromethane	92		90		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1568917-3 WG1568917-4								
2,2-Dichloropropane	94		90		70-130	4		30
1,2-Dibromoethane	95		97		70-130	2		30
1,3-Dichloropropane	90		91		69-130	1		30
1,1,1,2-Tetrachloroethane	85		84		70-130	1		30
Bromobenzene	94		87		70-130	8		30
n-Butylbenzene	101		92		70-130	9		30
sec-Butylbenzene	100		90		70-130	11		30
tert-Butylbenzene	99		91		70-130	8		30
o-Chlorotoluene	108		100		70-130	8		30
p-Chlorotoluene	94		87		70-130	8		30
1,2-Dibromo-3-chloropropane	82		87		68-130	6		30
Hexachlorobutadiene	100		91		67-130	9		30
Isopropylbenzene	97		89		70-130	9		30
p-Isopropyltoluene	102		94		70-130	8		30
Naphthalene	90		89		70-130	1		30
Acrylonitrile	78		81		70-130	4		30
n-Propylbenzene	96		88		70-130	9		30
1,2,3-Trichlorobenzene	95		89		70-130	7		30
1,2,4-Trichlorobenzene	99		92		70-130	7		30
1,3,5-Trimethylbenzene	98		90		70-130	9		30
1,2,4-Trimethylbenzene	98		89		70-130	10		30
1,4-Dioxane	96		103		65-136	7		30
p-Diethylbenzene	102		94		70-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG1568917-3 WG1568917-4								
p-Ethyltoluene	98		90		70-130	9		30
1,2,4,5-Tetramethylbenzene	101		92		70-130	9		30
Ethyl ether	84		87		67-130	4		30
trans-1,4-Dichloro-2-butene	79		85		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		95		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	94		96		70-130

SEMIVOLATILES

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-01
Client ID: DR-4
Sample Location: 26 CLARENCE AVE., BUFFALO, NY

Date Collected: 10/27/21 15:00
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/10/21 07:11
Analyst: WR
Percent Solids: 51%

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	420		ug/kg	250	33.	1
1,2,4-Trichlorobenzene	ND		ug/kg	320	36.	1
Hexachlorobenzene	ND		ug/kg	190	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	280	43.	1
2-Chloronaphthalene	ND		ug/kg	320	31.	1
1,2-Dichlorobenzene	ND		ug/kg	320	57.	1
1,3-Dichlorobenzene	ND		ug/kg	320	54.	1
1,4-Dichlorobenzene	ND		ug/kg	320	55.	1
3,3'-Dichlorobenzidine	ND		ug/kg	320	84.	1
2,4-Dinitrotoluene	ND		ug/kg	320	63.	1
2,6-Dinitrotoluene	ND		ug/kg	320	54.	1
Fluoranthene	3500		ug/kg	190	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	320	34.	1
4-Bromophenyl phenyl ether	ND		ug/kg	320	48.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	380	54.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	340	32.	1
Hexachlorobutadiene	ND		ug/kg	320	46.	1
Hexachlorocyclopentadiene	ND		ug/kg	910	290	1
Hexachloroethane	ND		ug/kg	250	51.	1
Isophorone	ND		ug/kg	280	41.	1
Naphthalene	150	J	ug/kg	320	39.	1
Nitrobenzene	ND		ug/kg	280	47.	1
NDPA/DPA	ND		ug/kg	250	36.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	320	49.	1
Bis(2-ethylhexyl)phthalate	6800		ug/kg	320	110	1
Butyl benzyl phthalate	ND		ug/kg	320	80.	1
Di-n-butylphthalate	ND		ug/kg	320	60.	1
Di-n-octylphthalate	ND		ug/kg	320	110	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158957

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-01 Date Collected: 10/27/21 15:00

Client ID: DR-4 Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	320	29.	1
Dimethyl phthalate	ND		ug/kg	320	67.	1
Benzo(a)anthracene	1600		ug/kg	190	36.	1
Benzo(a)pyrene	1400		ug/kg	250	77.	1
Benzo(b)fluoranthene	2100		ug/kg	190	53.	1
Benzo(k)fluoranthene	720		ug/kg	190	51.	1
Chrysene	1800		ug/kg	190	33.	1
Acenaphthylene	170	J	ug/kg	250	49.	1
Anthracene	900		ug/kg	190	62.	1
Benzo(ghi)perylene	1100		ug/kg	250	37.	1
Fluorene	380		ug/kg	320	31.	1
Phenanthrene	3100		ug/kg	190	38.	1
Dibenzo(a,h)anthracene	250		ug/kg	190	37.	1
Indeno(1,2,3-cd)pyrene	1300		ug/kg	250	44.	1
Pyrene	3100		ug/kg	190	32.	1
Biphenyl	ND		ug/kg	720	74.	1
4-Chloroaniline	ND		ug/kg	320	58.	1
2-Nitroaniline	ND		ug/kg	320	61.	1
3-Nitroaniline	ND		ug/kg	320	60.	1
4-Nitroaniline	ND		ug/kg	320	130	1
Dibenzofuran	250	J	ug/kg	320	30.	1
2-Methylnaphthalene	110	J	ug/kg	380	38.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	320	33.	1
Acetophenone	280	J	ug/kg	320	39.	1
2,4,6-Trichlorophenol	ND		ug/kg	190	60.	1
p-Chloro-m-cresol	ND		ug/kg	320	47.	1
2-Chlorophenol	ND		ug/kg	320	38.	1
2,4-Dichlorophenol	ND		ug/kg	280	51.	1
2,4-Dimethylphenol	ND		ug/kg	320	100	1
2-Nitrophenol	ND		ug/kg	680	120	1
4-Nitrophenol	ND		ug/kg	440	130	1
2,4-Dinitrophenol	ND		ug/kg	1500	150	1
4,6-Dinitro-o-cresol	ND		ug/kg	820	150	1
Pentachlorophenol	160	J	ug/kg	250	70.	1
Phenol	110	J	ug/kg	320	48.	1
2-Methylphenol	ND		ug/kg	320	49.	1
3-Methylphenol/4-Methylphenol	51	J	ug/kg	460	50.	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158957

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-01 Date Collected: 10/27/21 15:00

Client ID: DR-4 Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	320	61.	1
Benzoic Acid	ND		ug/kg	1000	320	1
Benzyl Alcohol	ND		ug/kg	320	97.	1
Carbazole	500		ug/kg	320	31.	1
1,4-Dioxane	ND		ug/kg	48	14.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		25-120
Phenol-d6	48		10-120
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	37		10-136
4-Terphenyl-d14	59		18-120

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-02
Client ID: DR-1
Sample Location: 26 CLARENCE AVE., BUFFALO, NY

Date Collected: 10/27/21 14:12
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/10/21 05:43
Analyst: WR
Percent Solids: 49%

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	270	35.	1
1,2,4-Trichlorobenzene	ND		ug/kg	340	38.	1
Hexachlorobenzene	ND		ug/kg	200	38.	1
Bis(2-chloroethyl)ether	ND		ug/kg	300	45.	1
2-Chloronaphthalene	ND		ug/kg	340	33.	1
1,2-Dichlorobenzene	ND		ug/kg	340	60.	1
1,3-Dichlorobenzene	ND		ug/kg	340	58.	1
1,4-Dichlorobenzene	ND		ug/kg	340	58.	1
3,3'-Dichlorobenzidine	ND		ug/kg	340	89.	1
2,4-Dinitrotoluene	ND		ug/kg	340	67.	1
2,6-Dinitrotoluene	ND		ug/kg	340	58.	1
Fluoranthene	950		ug/kg	200	38.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	340	36.	1
4-Bromophenyl phenyl ether	ND		ug/kg	340	51.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	400	57.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	360	34.	1
Hexachlorobutadiene	ND		ug/kg	340	49.	1
Hexachlorocyclopentadiene	ND		ug/kg	960	300	1
Hexachloroethane	ND		ug/kg	270	54.	1
Isophorone	ND		ug/kg	300	44.	1
Naphthalene	ND		ug/kg	340	41.	1
Nitrobenzene	ND		ug/kg	300	50.	1
NDPA/DPA	ND		ug/kg	270	38.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	340	52.	1
Bis(2-ethylhexyl)phthalate	11000		ug/kg	340	120	1
Butyl benzyl phthalate	ND		ug/kg	340	84.	1
Di-n-butylphthalate	ND		ug/kg	340	64.	1
Di-n-octylphthalate	ND		ug/kg	340	110	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158957

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-02 Date Collected: 10/27/21 14:12

Client ID: DR-1 Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	340	31.	1
Dimethyl phthalate	ND		ug/kg	340	70.	1
Benzo(a)anthracene	310		ug/kg	200	38.	1
Benzo(a)pyrene	370		ug/kg	270	82.	1
Benzo(b)fluoranthene	870		ug/kg	200	56.	1
Benzo(k)fluoranthene	230		ug/kg	200	54.	1
Chrysene	610		ug/kg	200	35.	1
Acenaphthylene	ND		ug/kg	270	52.	1
Anthracene	ND		ug/kg	200	65.	1
Benzo(ghi)perylene	510		ug/kg	270	39.	1
Fluorene	ND		ug/kg	340	32.	1
Phenanthrene	290		ug/kg	200	41.	1
Dibenzo(a,h)anthracene	97	J	ug/kg	200	39.	1
Indeno(1,2,3-cd)pyrene	560		ug/kg	270	47.	1
Pyrene	970		ug/kg	200	33.	1
Biphenyl	ND		ug/kg	760	78.	1
4-Chloroaniline	ND		ug/kg	340	61.	1
2-Nitroaniline	ND		ug/kg	340	65.	1
3-Nitroaniline	ND		ug/kg	340	63.	1
4-Nitroaniline	ND		ug/kg	340	140	1
Dibenzofuran	ND		ug/kg	340	32.	1
2-Methylnaphthalene	ND		ug/kg	400	40.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	340	35.	1
Acetophenone	100	J	ug/kg	340	42.	1
2,4,6-Trichlorophenol	ND		ug/kg	200	64.	1
p-Chloro-m-cresol	ND		ug/kg	340	50.	1
2-Chlorophenol	ND		ug/kg	340	40.	1
2,4-Dichlorophenol	ND		ug/kg	300	54.	1
2,4-Dimethylphenol	ND		ug/kg	340	110	1
2-Nitrophenol	ND		ug/kg	720	130	1
4-Nitrophenol	ND		ug/kg	470	140	1
2,4-Dinitrophenol	ND		ug/kg	1600	160	1
4,6-Dinitro-o-cresol	ND		ug/kg	870	160	1
Pentachlorophenol	ND		ug/kg	270	74.	1
Phenol	ND		ug/kg	340	51.	1
2-Methylphenol	ND		ug/kg	340	52.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	480	52.	1

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158957
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-02
Client ID: DR-1
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 14:12
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	340	64.	1
Benzoic Acid	ND		ug/kg	1100	340	1
Benzyl Alcohol	ND		ug/kg	340	100	1
Carbazole	69	J	ug/kg	340	32.	1
1,4-Dioxane	ND		ug/kg	50	15.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	82		18-120

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-03 D
Client ID: DR-3
Sample Location: 26 CLARENCE AVE., BUFFALO, NY

Date Collected: 10/27/21 14:51
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/10/21 14:21
Analyst: WR
Percent Solids: 50%

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1300	170	5
1,2,4-Trichlorobenzene	ND		ug/kg	1700	190	5
Hexachlorobenzene	ND		ug/kg	1000	190	5
Bis(2-chloroethyl)ether	ND		ug/kg	1500	230	5
2-Chloronaphthalene	ND		ug/kg	1700	170	5
1,2-Dichlorobenzene	ND		ug/kg	1700	300	5
1,3-Dichlorobenzene	ND		ug/kg	1700	290	5
1,4-Dichlorobenzene	ND		ug/kg	1700	290	5
3,3'-Dichlorobenzidine	ND		ug/kg	1700	450	5
2,4-Dinitrotoluene	ND		ug/kg	1700	340	5
2,6-Dinitrotoluene	ND		ug/kg	1700	290	5
Fluoranthene	340	J	ug/kg	1000	190	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1700	180	5
4-Bromophenyl phenyl ether	ND		ug/kg	1700	260	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	2000	290	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1800	170	5
Hexachlorobutadiene	ND		ug/kg	1700	250	5
Hexachlorocyclopentadiene	ND		ug/kg	4800	1500	5
Hexachloroethane	ND		ug/kg	1300	270	5
Isophorone	ND		ug/kg	1500	220	5
Naphthalene	ND		ug/kg	1700	200	5
Nitrobenzene	ND		ug/kg	1500	250	5
NDPA/DPA	ND		ug/kg	1300	190	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1700	260	5
Bis(2-ethylhexyl)phthalate	9300		ug/kg	1700	580	5
Butyl benzyl phthalate	19000		ug/kg	1700	420	5
Di-n-butylphthalate	480	J	ug/kg	1700	320	5
Di-n-octylphthalate	ND		ug/kg	1700	570	5

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158957

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-03 D Date Collected: 10/27/21 14:51

Client ID: DR-3 Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1700	160	5
Dimethyl phthalate	ND		ug/kg	1700	350	5
Benzo(a)anthracene	ND		ug/kg	1000	190	5
Benzo(a)pyrene	ND		ug/kg	1300	410	5
Benzo(b)fluoranthene	ND		ug/kg	1000	280	5
Benzo(k)fluoranthene	ND		ug/kg	1000	270	5
Chrysene	230	J	ug/kg	1000	170	5
Acenaphthylene	ND		ug/kg	1300	260	5
Anthracene	ND		ug/kg	1000	330	5
Benzo(ghi)perylene	ND		ug/kg	1300	200	5
Fluorene	ND		ug/kg	1700	160	5
Phenanthrene	200	J	ug/kg	1000	200	5
Dibenzo(a,h)anthracene	ND		ug/kg	1000	190	5
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1300	230	5
Pyrene	330	J	ug/kg	1000	170	5
Biphenyl	ND		ug/kg	3800	390	5
4-Chloroaniline	ND		ug/kg	1700	300	5
2-Nitroaniline	ND		ug/kg	1700	320	5
3-Nitroaniline	ND		ug/kg	1700	320	5
4-Nitroaniline	ND		ug/kg	1700	700	5
Dibenzofuran	ND		ug/kg	1700	160	5
2-Methylnaphthalene	ND		ug/kg	2000	200	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1700	180	5
Acetophenone	380	J	ug/kg	1700	210	5
2,4,6-Trichlorophenol	ND		ug/kg	1000	320	5
p-Chloro-m-cresol	ND		ug/kg	1700	250	5
2-Chlorophenol	ND		ug/kg	1700	200	5
2,4-Dichlorophenol	ND		ug/kg	1500	270	5
2,4-Dimethylphenol	ND		ug/kg	1700	550	5
2-Nitrophenol	ND		ug/kg	3600	630	5
4-Nitrophenol	ND		ug/kg	2400	680	5
2,4-Dinitrophenol	ND		ug/kg	8100	780	5
4,6-Dinitro-o-cresol	ND		ug/kg	4400	810	5
Pentachlorophenol	ND		ug/kg	1300	370	5
Phenol	ND		ug/kg	1700	250	5
2-Methylphenol	ND		ug/kg	1700	260	5
3-Methylphenol/4-Methylphenol	720	J	ug/kg	2400	260	5

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158957
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-03 D
Client ID: DR-3
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 14:51
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1700	320	5
Benzoic Acid	ND		ug/kg	5400	1700	5
Benzyl Alcohol	ND		ug/kg	1700	510	5
Carbazole	ND		ug/kg	1700	160	5
1,4-Dioxane	ND		ug/kg	250	77.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		25-120
Phenol-d6	37		10-120
Nitrobenzene-d5	23		23-120
2-Fluorobiphenyl	37		30-120
2,4,6-Tribromophenol	35		10-136
4-Terphenyl-d14	40		18-120

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-04 D
Client ID: DR-5
Sample Location: 26 CLARENCE AVE., BUFFALO, NY

Date Collected: 10/27/21 15:12
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/10/21 15:08
Analyst: JG
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1800	240	10
1,2,4-Trichlorobenzene	ND		ug/kg	2300	260	10
Hexachlorobenzene	ND		ug/kg	1400	260	10
Bis(2-chloroethyl)ether	ND		ug/kg	2100	310	10
2-Chloronaphthalene	ND		ug/kg	2300	230	10
1,2-Dichlorobenzene	ND		ug/kg	2300	410	10
1,3-Dichlorobenzene	ND		ug/kg	2300	390	10
1,4-Dichlorobenzene	ND		ug/kg	2300	400	10
3,3'-Dichlorobenzidine	ND		ug/kg	2300	610	10
2,4-Dinitrotoluene	ND		ug/kg	2300	460	10
2,6-Dinitrotoluene	ND		ug/kg	2300	390	10
Fluoranthene	2200		ug/kg	1400	260	10
4-Chlorophenyl phenyl ether	ND		ug/kg	2300	240	10
4-Bromophenyl phenyl ether	ND		ug/kg	2300	350	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2800	390	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2500	230	10
Hexachlorobutadiene	ND		ug/kg	2300	340	10
Hexachlorocyclopentadiene	ND		ug/kg	6600	2100	10
Hexachloroethane	ND		ug/kg	1800	370	10
Isophorone	ND		ug/kg	2100	300	10
Naphthalene	320	J	ug/kg	2300	280	10
Nitrobenzene	ND		ug/kg	2100	340	10
NDPA/DPA	ND		ug/kg	1800	260	10
n-Nitrosodi-n-propylamine	ND		ug/kg	2300	350	10
Bis(2-ethylhexyl)phthalate	36000		ug/kg	2300	790	10
Butyl benzyl phthalate	ND		ug/kg	2300	580	10
Di-n-butylphthalate	540	J	ug/kg	2300	440	10
Di-n-octylphthalate	ND		ug/kg	2300	780	10

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158957

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-04 D Date Collected: 10/27/21 15:12

Client ID: DR-5 Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	2300	210	10
Dimethyl phthalate	ND		ug/kg	2300	480	10
Benzo(a)anthracene	660	J	ug/kg	1400	260	10
Benzo(a)pyrene	ND		ug/kg	1800	560	10
Benzo(b)fluoranthene	940	J	ug/kg	1400	390	10
Benzo(k)fluoranthene	560	J	ug/kg	1400	370	10
Chrysene	1200	J	ug/kg	1400	240	10
Acenaphthylene	ND		ug/kg	1800	350	10
Anthracene	ND		ug/kg	1400	450	10
Benzo(ghi)perylene	ND		ug/kg	1800	270	10
Fluorene	390	J	ug/kg	2300	220	10
Phenanthrene	2000		ug/kg	1400	280	10
Dibenzo(a,h)anthracene	ND		ug/kg	1400	260	10
Indeno(1,2,3-cd)pyrene	440	J	ug/kg	1800	320	10
Pyrene	2000		ug/kg	1400	230	10
Biphenyl	ND		ug/kg	5200	530	10
4-Chloroaniline	ND		ug/kg	2300	420	10
2-Nitroaniline	ND		ug/kg	2300	440	10
3-Nitroaniline	ND		ug/kg	2300	430	10
4-Nitroaniline	ND		ug/kg	2300	950	10
Dibenzofuran	ND		ug/kg	2300	220	10
2-Methylnaphthalene	690	J	ug/kg	2800	280	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	2300	240	10
Acetophenone	ND		ug/kg	2300	280	10
2,4,6-Trichlorophenol	ND		ug/kg	1400	440	10
p-Chloro-m-cresol	1100	J	ug/kg	2300	340	10
2-Chlorophenol	ND		ug/kg	2300	270	10
2,4-Dichlorophenol	ND		ug/kg	2100	370	10
2,4-Dimethylphenol	ND		ug/kg	2300	760	10
2-Nitrophenol	ND		ug/kg	5000	860	10
4-Nitrophenol	ND		ug/kg	3200	940	10
2,4-Dinitrophenol	ND		ug/kg	11000	1100	10
4,6-Dinitro-o-cresol	ND		ug/kg	6000	1100	10
Pentachlorophenol	ND		ug/kg	1800	500	10
Phenol	ND		ug/kg	2300	350	10
2-Methylphenol	ND		ug/kg	2300	360	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	3300	360	10

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158957

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-04 D Date Collected: 10/27/21 15:12

Client ID: DR-5 Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	2300	440	10
Benzoic Acid	ND		ug/kg	7400	2300	10
Benzyl Alcohol	ND		ug/kg	2300	700	10
Carbazole	ND		ug/kg	2300	220	10
1,4-Dioxane	ND		ug/kg	340	100	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	29		25-120
Phenol-d6	28		10-120
Nitrobenzene-d5	23		23-120
2-Fluorobiphenyl	36		30-120
2,4,6-Tribromophenol	11		10-136
4-Terphenyl-d14	42		18-120

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/09/21 21:00
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1568177-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/09/21 21:00
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1568177-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/09/21 21:00
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1568177-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	104		10-136
4-Terphenyl-d14	96		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1568177-2 WG1568177-3								
Acenaphthene	83		96		31-137	15		50
1,2,4-Trichlorobenzene	89		106		38-107	17		50
Hexachlorobenzene	102		116		40-140	13		50
Bis(2-chloroethyl)ether	78		86		40-140	10		50
2-Chloronaphthalene	89		102		40-140	14		50
1,2-Dichlorobenzene	85		97		40-140	13		50
1,3-Dichlorobenzene	84		97		40-140	14		50
1,4-Dichlorobenzene	85		96		28-104	12		50
3,3'-Dichlorobenzidine	55		62		40-140	12		50
2,4-Dinitrotoluene	93		104		40-132	11		50
2,6-Dinitrotoluene	94		109		40-140	15		50
Fluoranthene	86		100		40-140	15		50
4-Chlorophenyl phenyl ether	91		102		40-140	11		50
4-Bromophenyl phenyl ether	95		110		40-140	15		50
Bis(2-chloroisopropyl)ether	54		61		40-140	12		50
Bis(2-chloroethoxy)methane	78		93		40-117	18		50
Hexachlorobutadiene	90		102		40-140	13		50
Hexachlorocyclopentadiene	76		86		40-140	12		50
Hexachloroethane	76		90		40-140	17		50
Isophorone	80		94		40-140	16		50
Naphthalene	86		97		40-140	12		50
Nitrobenzene	75		88		40-140	16		50
NDPA/DPA	88		100		36-157	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1568177-2 WG1568177-3								
n-Nitrosodi-n-propylamine	75		88		32-121	16		50
Bis(2-ethylhexyl)phthalate	80		94		40-140	16		50
Butyl benzyl phthalate	80		96		40-140	18		50
Di-n-butylphthalate	85		98		40-140	14		50
Di-n-octylphthalate	87		96		40-140	10		50
Diethyl phthalate	85		96		40-140	12		50
Dimethyl phthalate	93		106		40-140	13		50
Benzo(a)anthracene	84		96		40-140	13		50
Benzo(a)pyrene	87		101		40-140	15		50
Benzo(b)fluoranthene	88		99		40-140	12		50
Benzo(k)fluoranthene	85		102		40-140	18		50
Chrysene	83		96		40-140	15		50
Acenaphthylene	92		106		40-140	14		50
Anthracene	85		98		40-140	14		50
Benzo(ghi)perylene	94		105		40-140	11		50
Fluorene	85		98		40-140	14		50
Phenanthrene	83		96		40-140	15		50
Dibenzo(a,h)anthracene	96		108		40-140	12		50
Indeno(1,2,3-cd)pyrene	99		110		40-140	11		50
Pyrene	84		98		35-142	15		50
Biphenyl	90		105		37-127	15		50
4-Chloroaniline	60		73		40-140	20		50
2-Nitroaniline	93		108		47-134	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1568177-2 WG1568177-3								
3-Nitroaniline	57		67		26-129	16		50
4-Nitroaniline	87		98		41-125	12		50
Dibenzofuran	86		98		40-140	13		50
2-Methylnaphthalene	89		101		40-140	13		50
1,2,4,5-Tetrachlorobenzene	93		108		40-117	15		50
Acetophenone	88		102		14-144	15		50
2,4,6-Trichlorophenol	97		112		30-130	14		50
p-Chloro-m-cresol	90		102		26-103	13		50
2-Chlorophenol	90		102		25-102	13		50
2,4-Dichlorophenol	99		118		30-130	18		50
2,4-Dimethylphenol	87		105		30-130	19		50
2-Nitrophenol	94		111		30-130	17		50
4-Nitrophenol	88		97		11-114	10		50
2,4-Dinitrophenol	77		72		4-130	7		50
4,6-Dinitro-o-cresol	94		101		10-130	7		50
Pentachlorophenol	100		**112**	Q	17-109	11		50
Phenol	82		**92**	Q	26-90	11		50
2-Methylphenol	87		98		30-130.	12		50
3-Methylphenol/4-Methylphenol	95		112		30-130	16		50
2,4,5-Trichlorophenol	98		113		30-130	14		50
Benzoic Acid	22		**8**	Q	10-110	**89**	Q	50
Benzyl Alcohol	83		96		40-140	15		50
Carbazole	86		98		54-128	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1568177-2 WG1568177-3								
1,4-Dioxane	50		54		40-140	8		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	88		97		25-120
Phenol-d6	93		104		10-120
Nitrobenzene-d5	80		92		23-120
2-Fluorobiphenyl	91		104		30-120
2,4,6-Tribromophenol	110		127		10-136
4-Terphenyl-d14	91		111		18-120

METALS

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158957
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-01
Client ID: DR-4
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 15:00
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 51%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	41.6		mg/kg	3.87	0.805	5	11/02/21 20:05	11/04/21 21:07	EPA 3050B	1,6010D	DL
Barium, Total	251		mg/kg	3.87	0.674	5	11/02/21 20:05	11/04/21 21:07	EPA 3050B	1,6010D	DL
Beryllium, Total	0.387	J	mg/kg	1.94	0.128	5	11/02/21 20:05	11/04/21 21:07	EPA 3050B	1,6010D	DL
Cadmium, Total	32.7		mg/kg	3.87	0.379	5	11/02/21 20:05	11/04/21 21:07	EPA 3050B	1,6010D	DL
Chromium, Total	5390		mg/kg	3.87	0.372	5	11/02/21 20:05	11/04/21 21:07	EPA 3050B	1,6010D	DL
Copper, Total	19900		mg/kg	19.4	4.99	25	11/02/21 20:05	11/05/21 10:13	EPA 3050B	1,6010D	GD
Lead, Total	689		mg/kg	19.4	1.04	5	11/02/21 20:05	11/04/21 21:07	EPA 3050B	1,6010D	DL
Manganese, Total	1700		mg/kg	3.87	0.615	5	11/02/21 20:05	11/04/21 21:07	EPA 3050B	1,6010D	DL
Mercury, Total	3.33		mg/kg	0.134	0.087	1	11/02/21 21:00	11/04/21 15:18	EPA 7471B	1,7471B	AC
Nickel, Total	3710		mg/kg	9.68	0.937	5	11/02/21 20:05	11/04/21 21:07	EPA 3050B	1,6010D	DL
Selenium, Total	5.30	J	mg/kg	7.74	0.999	5	11/02/21 20:05	11/04/21 21:07	EPA 3050B	1,6010D	DL
Silver, Total	8.55		mg/kg	3.87	1.10	5	11/02/21 20:05	11/04/21 21:07	EPA 3050B	1,6010D	DL
Zinc, Total	1390		mg/kg	19.4	1.13	5	11/02/21 20:05	11/04/21 21:07	EPA 3050B	1,6010D	DL

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158957
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-02
Client ID: DR-1
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 14:12
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 49%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.65	J	mg/kg	3.96	0.824	5	11/02/21 20:05	11/04/21 20:58	EPA 3050B	1,6010D	DL
Barium, Total	75.5		mg/kg	3.96	0.689	5	11/02/21 20:05	11/04/21 20:58	EPA 3050B	1,6010D	DL
Beryllium, Total	3.40		mg/kg	1.98	0.131	5	11/02/21 20:05	11/04/21 20:58	EPA 3050B	1,6010D	DL
Cadmium, Total	1.58	J	mg/kg	3.96	0.388	5	11/02/21 20:05	11/04/21 20:58	EPA 3050B	1,6010D	DL
Chromium, Total	81.4		mg/kg	3.96	0.380	5	11/02/21 20:05	11/04/21 20:58	EPA 3050B	1,6010D	DL
Copper, Total	287		mg/kg	3.96	1.02	5	11/02/21 20:05	11/04/21 20:58	EPA 3050B	1,6010D	DL
Lead, Total	29.7		mg/kg	19.8	1.06	5	11/02/21 20:05	11/04/21 20:58	EPA 3050B	1,6010D	DL
Manganese, Total	236		mg/kg	3.96	0.630	5	11/02/21 20:05	11/04/21 20:58	EPA 3050B	1,6010D	DL
Mercury, Total	ND		mg/kg	0.138	0.090	1	11/02/21 21:00	11/04/21 15:21	EPA 7471B	1,7471B	AC
Nickel, Total	59.2		mg/kg	9.90	0.958	5	11/02/21 20:05	11/04/21 20:58	EPA 3050B	1,6010D	DL
Selenium, Total	ND		mg/kg	7.92	1.02	5	11/02/21 20:05	11/04/21 20:58	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	3.96	1.12	5	11/02/21 20:05	11/04/21 20:58	EPA 3050B	1,6010D	DL
Zinc, Total	189		mg/kg	19.8	1.16	5	11/02/21 20:05	11/04/21 20:58	EPA 3050B	1,6010D	DL

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158957
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-03
Client ID: DR-3
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 14:51
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 50%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	10.9		mg/kg	0.792	0.165	1	11/02/21 20:05	11/04/21 21:12	EPA 3050B	1,6010D	DL
Barium, Total	60.2		mg/kg	0.792	0.138	1	11/02/21 20:05	11/04/21 21:12	EPA 3050B	1,6010D	DL
Beryllium, Total	0.190	J	mg/kg	0.396	0.026	1	11/02/21 20:05	11/04/21 21:12	EPA 3050B	1,6010D	DL
Cadmium, Total	10.2		mg/kg	0.792	0.078	1	11/02/21 20:05	11/04/21 21:12	EPA 3050B	1,6010D	DL
Chromium, Total	330		mg/kg	0.792	0.076	1	11/02/21 20:05	11/04/21 21:12	EPA 3050B	1,6010D	DL
Copper, Total	923		mg/kg	0.792	0.204	1	11/02/21 20:05	11/04/21 21:12	EPA 3050B	1,6010D	DL
Lead, Total	209		mg/kg	3.96	0.212	1	11/02/21 20:05	11/04/21 21:12	EPA 3050B	1,6010D	DL
Manganese, Total	696		mg/kg	0.792	0.126	1	11/02/21 20:05	11/04/21 21:12	EPA 3050B	1,6010D	DL
Mercury, Total	0.566		mg/kg	0.144	0.094	1	11/02/21 21:00	11/04/21 15:25	EPA 7471B	1,7471B	AC
Nickel, Total	647		mg/kg	1.98	0.192	1	11/02/21 20:05	11/04/21 21:12	EPA 3050B	1,6010D	DL
Selenium, Total	1.11	J	mg/kg	1.58	0.204	1	11/02/21 20:05	11/04/21 21:12	EPA 3050B	1,6010D	DL
Silver, Total	1.02		mg/kg	0.792	0.224	1	11/02/21 20:05	11/04/21 21:12	EPA 3050B	1,6010D	DL
Zinc, Total	3440		mg/kg	79.2	4.64	20	11/02/21 20:05	11/04/21 23:48	EPA 3050B	1,6010D	DL

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158957
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-04
Client ID: DR-5
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 15:12
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	9.93		mg/kg	0.539	0.112	1	11/02/21 20:05	11/04/21 21:16	EPA 3050B	1,6010D	DL
Barium, Total	132		mg/kg	0.539	0.094	1	11/02/21 20:05	11/04/21 21:16	EPA 3050B	1,6010D	DL
Beryllium, Total	0.652		mg/kg	0.269	0.018	1	11/02/21 20:05	11/04/21 21:16	EPA 3050B	1,6010D	DL
Cadmium, Total	16.4		mg/kg	0.539	0.053	1	11/02/21 20:05	11/04/21 21:16	EPA 3050B	1,6010D	DL
Chromium, Total	981		mg/kg	0.539	0.052	1	11/02/21 20:05	11/04/21 21:16	EPA 3050B	1,6010D	DL
Copper, Total	1510		mg/kg	0.539	0.139	1	11/02/21 20:05	11/04/21 21:16	EPA 3050B	1,6010D	DL
Lead, Total	220		mg/kg	2.69	0.144	1	11/02/21 20:05	11/04/21 21:16	EPA 3050B	1,6010D	DL
Manganese, Total	1140		mg/kg	0.539	0.086	1	11/02/21 20:05	11/04/21 21:16	EPA 3050B	1,6010D	DL
Mercury, Total	0.264		mg/kg	0.100	0.065	1	11/02/21 21:00	11/04/21 15:28	EPA 7471B	1,7471B	AC
Nickel, Total	826		mg/kg	1.35	0.130	1	11/02/21 20:05	11/04/21 21:16	EPA 3050B	1,6010D	DL
Selenium, Total	2.37		mg/kg	1.08	0.139	1	11/02/21 20:05	11/04/21 21:16	EPA 3050B	1,6010D	DL
Silver, Total	29.7		mg/kg	0.539	0.152	1	11/02/21 20:05	11/04/21 21:16	EPA 3050B	1,6010D	DL
Zinc, Total	606		mg/kg	2.69	0.158	1	11/02/21 20:05	11/04/21 21:16	EPA 3050B	1,6010D	DL

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1566186-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Barium, Total	ND		mg/kg	0.400	0.070	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Chromium, Total	ND		mg/kg	0.400	0.038	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Copper, Total	ND		mg/kg	0.400	0.103	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Lead, Total	ND		mg/kg	2.00	0.107	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Manganese, Total	ND		mg/kg	0.400	0.064	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Nickel, Total	ND		mg/kg	1.00	0.097	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Selenium, Total	ND		mg/kg	0.800	0.103	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Silver, Total	ND		mg/kg	0.400	0.113	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Zinc, Total	ND		mg/kg	2.00	0.117	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1566187-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	11/02/21 21:00	11/04/21 14:35	1,7471B	AC

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1566186-2 SRM Lot Number: D109-540								
Arsenic, Total	99		-		70-130	-		
Barium, Total	94		-		75-125	-		
Beryllium, Total	97		-		75-125	-		
Cadmium, Total	98		-		75-125	-		
Chromium, Total	95		-		70-130	-		
Copper, Total	95		-		75-125	-		
Lead, Total	99		-		72-128	-		
Manganese, Total	98		-		74-126	-		
Nickel, Total	96		-		70-130	-		
Selenium, Total	98		-		68-132	-		
Silver, Total	97		-		68-131	-		
Zinc, Total	96		-		70-130	-		
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1566187-2 SRM Lot Number: D109-540								
Mercury, Total	87		-		60-140	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158957
Report Date: 11/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1566186-3 QC Sample: L2158895-01 Client ID: MS Sample												
Arsenic, Total	31.1	14.6	76.8	**313**	Q	-	-		75-125	-		20
Barium, Total	237	244	481	100		-	-		75-125	-		20
Beryllium, Total	0.239J	6.09	5.64	93		-	-		75-125	-		20
Cadmium, Total	1.08	6.46	6.47	83		-	-		75-125	-		20
Chromium, Total	48.9	24.4	106	**234**	Q	-	-		75-125	-		20
Copper, Total	244	30.4	283	**128**	Q	-	-		75-125	-		20
Lead, Total	38.0	64.6	85.2	**73**	Q	-	-		75-125	-		20
Manganese, Total	211	60.9	262	84		-	-		75-125	-		20
Nickel, Total	21.0	60.9	65.1	**72**	Q	-	-		75-125	-		20
Selenium, Total	2.24	14.6	16.9	100		-	-		75-125	-		20
Silver, Total	0.932	36.5	35.4	94		-	-		75-125	-		20
Zinc, Total	373	60.9	428	90		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1566187-3 QC Sample: L2158895-01 Client ID: MS Sample												
Mercury, Total	0.614	0.198	0.673	**30**	Q	-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1566186-4 QC Sample: L2158895-01 Client ID: DUP Sample						
Arsenic, Total	31.1	26.4	mg/kg	16		20
Cadmium, Total	1.08	1.02	mg/kg	6		20
Chromium, Total	48.9	36.6	mg/kg	**29**	Q	20
Copper, Total	244	219	mg/kg	11		20
Lead, Total	38.0	31.1	mg/kg	20		20
Nickel, Total	21.0	15.0	mg/kg	**33**	Q	20
Selenium, Total	2.24	2.16	mg/kg	4		20
Zinc, Total	373	346	mg/kg	8		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1566187-4 QC Sample: L2158895-01 Client ID: DUP Sample						
Mercury, Total	0.614	0.526	mg/kg	15		20

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2158957
Report Date: 11/10/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1566186-6 QC Sample: L2158895-01 Client ID: DUP Sample						
Chromium, Total	48.9	53.5	mg/kg	9		20

INORGANICS
&
MISCELLANEOUS

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-01
Client ID: DR-4
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/27/21 15:00
Date Received: 10/27/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	51.3		%	0.100	NA	1	-	10/28/21 07:42	121,2540G	RI
Cyanide, Total	0.95	J	mg/kg	1.9	0.40	1	11/09/21 06:30	11/09/21 10:15	1,9010C/9012B	CS

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-02
Client ID: DR-1
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/27/21 14:12
Date Received: 10/27/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	49.4		%	0.100	NA	1	-	10/28/21 07:42	121,2540G	RI
Cyanide, Total	ND		mg/kg	2.0	0.42	1	11/09/21 06:30	11/09/21 10:16	1,9010C/9012B	CS

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-03
Client ID: DR-3
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/27/21 14:51
Date Received: 10/27/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	49.5		%	0.100	NA	1	-	10/28/21 07:42	121,2540G	RI
Cyanide, Total	0.41	J	mg/kg	1.9	0.40	1	11/09/21 06:30	11/09/21 10:17	1,9010C/9012B	CS

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158957-04
Client ID: DR-5
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Sample Depth:
Matrix: Soil

Date Collected: 10/27/21 15:12
Date Received: 10/27/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.1		%	0.100	NA	1	-	10/28/21 07:42	121,2540G	RI
Cyanide, Total	0.71	J	mg/kg	1.3	0.27	1	11/09/21 06:30	11/09/21 10:18	1,9010C/9012B	CS

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158957
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG1568759-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	11/09/21 06:30	11/09/21 10:03	1,9010C/9012B	CS

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1568759-2 WG1568759-3								
Cyanide, Total	**64**	Q	**58**	Q	80-120	11		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158957
Report Date: 11/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1568759-4 WG1568759-5 QC Sample: L2158957-04 Client ID: DR-5												
Cyanide, Total	0.71J	13	15	110		15	110		75-125	0		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158957

Report Date: 11/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1564146-1 QC Sample: L2158958-01 Client ID: DUP Sample						
Solids, Total	80.0	82.9	%	4		20

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158957
Report Date: 11/10/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2158957-01A	Vial MeOH preserved	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2158957-01B	Vial water preserved	B	NA		5.4	Y	Absent	28-OCT-21 07:21	NYTCL-8260HLW(14)
L2158957-01C	Vial water preserved	B	NA		5.4	Y	Absent	28-OCT-21 07:21	NYTCL-8260HLW(14)
L2158957-01D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2158957-01E	Glass 120ml/4oz unpreserved	B	NA		5.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7)
L2158957-02A	Vial MeOH preserved	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2158957-02B	Vial water preserved	B	NA		5.4	Y	Absent	28-OCT-21 07:21	NYTCL-8260HLW(14)
L2158957-02C	Vial water preserved	B	NA		5.4	Y	Absent	28-OCT-21 07:21	NYTCL-8260HLW(14)
L2158957-02D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2158957-02E	Glass 120ml/4oz unpreserved	B	NA		5.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7)
L2158957-03A	Vial MeOH preserved	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2158957-03B	Vial water preserved	B	NA		5.4	Y	Absent	28-OCT-21 07:21	NYTCL-8260HLW(14)
L2158957-03C	Vial water preserved	B	NA		5.4	Y	Absent	28-OCT-21 07:21	NYTCL-8260HLW(14)
L2158957-03D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2158957-03E	Glass 120ml/4oz unpreserved	B	NA		5.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7)
L2158957-04A	Vial MeOH preserved	B	NA		5.4	Y	Absent		NYTCL-8260HLW(14)
L2158957-04B	Vial water preserved	B	NA		5.4	Y	Absent	28-OCT-21 07:21	NYTCL-8260HLW(14)
L2158957-04C	Vial water preserved	B	NA		5.4	Y	Absent	28-OCT-21 07:21	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158957
Report Date: 11/10/21

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2158957-04D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2158957-04E	Glass 120ml/4oz unpreserved	B	NA		5.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	26+46 CLARENCE AVE	**Lab Number:**	L2158957
Project Number:	3162-01	**Report Date:**	11/10/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	26+46 CLARENCE AVE	**Lab Number:**	L2158957
Project Number:	3162-01	**Report Date:**	11/10/21

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	26+46 CLARENCE AVE	**Lab Number:**	L2158957
Project Number:	3162-01	**Report Date:**	11/10/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	26+46 CLARENCE AVE	**Lab Number:**	L2158957
Project Number:	3162-01	**Report Date:**	11/10/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 10/28/21

ALPHA Job #: L2158957

Client Information
Client: AEG
Address: 100 Jefferson Blvd
Warwick, RI
Phone: 401-732-7600
Fax:
Email: tim.nevins@fwwebb.com

Project Information
Project Name: 26+46 Clarence Ave
Project Location: 26 Clarence Ave, Buffalo, NY
Project # 3162-01
(Use Project name as Project #) ☐
Project Manager: T. Nevins
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☒ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Meet NYSDEC Criteria for Residential and Industrial/Commercial Properties

Please specify Metals or TAL: NYSDEC Part 375 and CP-51 Metals

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	Metals						Sample Specific Comments	Total Bottle
58957-01	DR-4	10/27/21	1500	Soil	MD	X	X	X							5
02	DR-1	10/27/21	1410	↓	↓	X	X	X							5
03	DR-3	10/27/21	1451			X	X	X							5
04	DR-5	10/27/21	1512			X	X	X							5

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	A	A										
Preservative	F/O	A	A										

Relinquished By:	Date/Time	Received By:	Date/Time
AM AHL	10/27/21 16:05	AM AHL	10/28/21 16:05
AM AHL	10/27/21 16:55		10/28/21 00:55

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2158958
Client:	Alliance Environmental Group 100 Jefferson Boulevard Suite 220 Warwick, RI 02888
ATTN:	Tim Nevins
Phone:	(401) 732-7600
Project Name:	26+46 CLARENCE AVE
Project Number:	3162-01
Report Date:	11/10/21

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158958
Report Date: 11/10/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2158958-01	B-1 6-12''	SOIL	26 CLARENCE AVE., BUFFALO, NY	10/27/21 09:58	10/27/21
L2158958-02	B-2 6-12''	SOIL	26 CLARENCE AVE., BUFFALO, NY	10/27/21 10:20	10/27/21
L2158958-03	B-3 4-4.5'	SOIL	26 CLARENCE AVE., BUFFALO, NY	10/27/21 10:44	10/27/21
L2158958-04	B-4 4-4.5	SOIL	26 CLARENCE AVE., BUFFALO, NY	10/27/21 11:30	10/27/21
L2158958-05	B-5 3.5-4'	SOIL	26 CLARENCE AVE., BUFFALO, NY	10/27/21 12:15	10/27/21
L2158958-06	B-6 24-28''	SOIL	26 CLARENCE AVE., BUFFALO, NY	10/27/21 12:30	10/27/21
L2158958-07	B-7 1-2'	SOIL	26 CLARENCE AVE., BUFFALO, NY	10/27/21 13:30	10/27/21
L2158958-08	B-8 1.5-2.5'	SOIL	26 CLARENCE AVE., BUFFALO, NY	10/27/21 13:50	10/27/21
L2158958-09	B-9 1-2'	SOIL	26 CLARENCE AVE., BUFFALO, NY	10/27/21 13:55	10/27/21
L2158958-10	B-10 2-3'	SOIL	26 CLARENCE AVE., BUFFALO, NY	10/27/21 14:55	10/27/21

Project Name:	26+46 CLARENCE AVE	**Lab Number:**	L2158958
Project Number:	3162-01	**Report Date:**	11/10/21

Case Narrative

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

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

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

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

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

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

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958
Project Number: 3162-01 **Report Date:** 11/10/21

Case Narrative (continued)

Report Submission

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

Sample Receipt

The analyses performed were specified by the client.

Volatile Organics

L2158958-04 (Low): The surrogate recovery was outside the acceptance criteria for 4-bromofluorobenzene (303%) due to obvious interferences. A copy of the chromatogram is included as an attachment to this report. The sample was analyzed as a High Level Methanol in order to quantitate result(s) within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis. The results of both analyses are reported.

Semivolatile Organics

L2158958-01D: The sample has elevated detection limits due to the dilution required by the sample matrix. The WG1568177-3 LCSD recovery, associated with L2158958-01D through -10D, is below the acceptance criteria for benzoic acid (8%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

L2158958-01, -02, -05 and -09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

Cyanide, Total

The WG1568936-2/-3 LCS/LCSD recoveries for cyanide, total (63%/51%), associated with L2158958-01 through -10, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits.

Project Name:	26+46 CLARENCE AVE	**Lab Number:**	L2158958
Project Number:	3162-01	**Report Date:**	11/10/21

Case Narrative (continued)

The results of the original analyses are reported.

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 11/10/21

ORGANICS

VOLATILES

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-01
Client ID: B-1 6-12"
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 09:58
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/08/21 10:24
Analyst: JC
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	130		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	11		ug/kg	0.55	0.22	1
Chlorobenzene	ND		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	0.91	J	ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	21		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.55	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.55	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	0.39	J	ug/kg	0.55	0.18	1
Toluene	1.0	J	ug/kg	1.1	0.60	1
Ethylbenzene	0.72	J	ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	0.67	J	ug/kg	1.1	0.37	1
Chloroethane	15		ug/kg	2.2	0.50	1
1,1-Dichloroethene	0.36	J	ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	1.6		ug/kg	1.6	0.15	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-01 Date Collected: 10/27/21 09:58

Client ID: B-1 6-12" Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	7.2		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	0.97	J	ug/kg	2.2	0.62	1
o-Xylene	0.86	J	ug/kg	1.1	0.32	1
Xylenes, Total	1.8	J	ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	1.0	J	ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	2.6	J	ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	12		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.55	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	0.38	J	ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.19	1
Isopropylbenzene	0.15	J	ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.72	1
Acrylonitrile	ND		ug/kg	4.4	1.3	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-01 Date Collected: 10/27/21 09:58

Client ID: B-1 6-12" Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	0.26	J	ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	88	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.5	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	97		70-130

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-02
Client ID: B-2 6-12"
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 10:20
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/08/21 11:02
Analyst: JC
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.0	1
1,1-Dichloroethane	1.1	J	ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	1.7		ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.93	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	1.8		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.67	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.3	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	ND		ug/kg	1.3	0.72	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-02 Date Collected: 10/27/21 10:20

Client ID: B-2 6-12" Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.75	1
o-Xylene	ND		ug/kg	1.3	0.39	1
Xylenes, Total	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	ND		ug/kg	13	3.0	1
Vinyl acetate	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.67	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.25	1
p-Chlorotoluene	ND		ug/kg	2.7	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.3	0.87	1
Acrylonitrile	ND		ug/kg	5.3	1.5	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-02 Date Collected: 10/27/21 10:20

Client ID: B-2 6-12" Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.44	1
1,4-Dioxane	ND		ug/kg	110	47.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.51	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.25	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.7	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	98		70-130

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-03
Client ID: B-3 4-4.5'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 10:44
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/09/21 21:09
Analyst: NLK
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	9.2	4.2	1
1,1-Dichloroethane	52		ug/kg	1.8	0.27	1
Chloroform	ND		ug/kg	2.8	0.26	1
Carbon tetrachloride	ND		ug/kg	1.8	0.42	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.23	1
Dibromochloromethane	ND		ug/kg	1.8	0.26	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.49	1
Tetrachloroethene	3.9		ug/kg	0.92	0.36	1
Chlorobenzene	ND		ug/kg	0.92	0.23	1
Trichlorofluoromethane	ND		ug/kg	7.4	1.3	1
1,2-Dichloroethane	0.97	J	ug/kg	1.8	0.47	1
1,1,1-Trichloroethane	9.9		ug/kg	0.92	0.31	1
Bromodichloromethane	ND		ug/kg	0.92	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.50	1
cis-1,3-Dichloropropene	ND		ug/kg	0.92	0.29	1
1,3-Dichloropropene, Total	ND		ug/kg	0.92	0.29	1
1,1-Dichloropropene	ND		ug/kg	0.92	0.29	1
Bromoform	ND		ug/kg	7.4	0.45	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.92	0.30	1
Benzene	0.31	J	ug/kg	0.92	0.30	1
Toluene	ND		ug/kg	1.8	1.0	1
Ethylbenzene	ND		ug/kg	1.8	0.26	1
Chloromethane	ND		ug/kg	7.4	1.7	1
Bromomethane	ND		ug/kg	3.7	1.1	1
Vinyl chloride	5.2		ug/kg	1.8	0.62	1
Chloroethane	16		ug/kg	3.7	0.83	1
1,1-Dichloroethene	6.2		ug/kg	1.8	0.44	1
trans-1,2-Dichloroethene	1.2	J	ug/kg	2.8	0.25	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-03 Date Collected: 10/27/21 10:44

Client ID: B-3 4-4.5' Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	8.6		ug/kg	0.92	0.25	1
1,2-Dichlorobenzene	ND		ug/kg	3.7	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	3.7	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	3.7	0.31	1
Methyl tert butyl ether	ND		ug/kg	3.7	0.37	1
p/m-Xylene	ND		ug/kg	3.7	1.0	1
o-Xylene	ND		ug/kg	1.8	0.54	1
Xylenes, Total	ND		ug/kg	1.8	0.54	1
cis-1,2-Dichloroethene	14		ug/kg	1.8	0.32	1
1,2-Dichloroethene, Total	15	J	ug/kg	1.8	0.25	1
Dibromomethane	ND		ug/kg	3.7	0.44	1
Styrene	ND		ug/kg	1.8	0.36	1
Dichlorodifluoromethane	ND		ug/kg	18	1.7	1
Acetone	10	J	ug/kg	18	8.8	1
Carbon disulfide	36		ug/kg	18	8.4	1
2-Butanone	ND		ug/kg	18	4.1	1
Vinyl acetate	ND		ug/kg	18	4.0	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.4	1
1,2,3-Trichloropropane	ND		ug/kg	3.7	0.23	1
2-Hexanone	ND		ug/kg	18	2.2	1
Bromochloromethane	ND		ug/kg	3.7	0.38	1
2,2-Dichloropropane	ND		ug/kg	3.7	0.37	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.51	1
1,3-Dichloropropane	ND		ug/kg	3.7	0.31	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.92	0.24	1
Bromobenzene	ND		ug/kg	3.7	0.27	1
n-Butylbenzene	ND		ug/kg	1.8	0.31	1
sec-Butylbenzene	0.54	J	ug/kg	1.8	0.27	1
tert-Butylbenzene	ND		ug/kg	3.7	0.22	1
o-Chlorotoluene	ND		ug/kg	3.7	0.35	1
p-Chlorotoluene	ND		ug/kg	3.7	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	1.8	1
Hexachlorobutadiene	ND		ug/kg	7.4	0.31	1
Isopropylbenzene	ND		ug/kg	1.8	0.20	1
p-Isopropyltoluene	0.49	J	ug/kg	1.8	0.20	1
Naphthalene	ND		ug/kg	7.4	1.2	1
Acrylonitrile	ND		ug/kg	7.4	2.1	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-03 Date Collected: 10/27/21 10:44

Client ID: B-3 4-4.5' Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.8	0.31	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.7	0.59	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.7	0.50	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.7	0.35	1
1,2,4-Trimethylbenzene	0.76	J	ug/kg	3.7	0.61	1
1,4-Dioxane	70	J	ug/kg	150	64.	1
p-Diethylbenzene	ND		ug/kg	3.7	0.32	1
p-Ethyltoluene	ND		ug/kg	3.7	0.71	1
1,2,4,5-Tetramethylbenzene	0.38	J	ug/kg	3.7	0.35	1
Ethyl ether	ND		ug/kg	3.7	0.63	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.2	2.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	102		70-130

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-04
Client ID: B-4 4-4.5
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 11:30
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/08/21 13:28
Analyst: MV
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	230	110	1
1,1-Dichloroethane	180		ug/kg	46	6.7	1
Chloroform	ND		ug/kg	70	6.5	1
Carbon tetrachloride	ND		ug/kg	46	11.	1
1,2-Dichloropropane	ND		ug/kg	46	5.8	1
Dibromochloromethane	ND		ug/kg	46	6.5	1
1,1,2-Trichloroethane	ND		ug/kg	46	12.	1
Tetrachloroethene	41		ug/kg	23	9.1	1
Chlorobenzene	ND		ug/kg	23	5.9	1
Trichlorofluoromethane	ND		ug/kg	180	32.	1
1,2-Dichloroethane	ND		ug/kg	46	12.	1
1,1,1-Trichloroethane	590		ug/kg	23	7.7	1
Bromodichloromethane	ND		ug/kg	23	5.0	1
trans-1,3-Dichloropropene	ND		ug/kg	46	13.	1
cis-1,3-Dichloropropene	ND		ug/kg	23	7.3	1
1,3-Dichloropropene, Total	ND		ug/kg	23	7.3	1
1,1-Dichloropropene	ND		ug/kg	23	7.4	1
Bromoform	ND		ug/kg	180	11.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	23	7.7	1
Benzene	ND		ug/kg	23	7.7	1
Toluene	ND		ug/kg	46	25.	1
Ethylbenzene	ND		ug/kg	46	6.5	1
Chloromethane	ND		ug/kg	180	43.	1
Bromomethane	ND		ug/kg	93	27.	1
Vinyl chloride	ND		ug/kg	46	16.	1
Chloroethane	400		ug/kg	93	21.	1
1,1-Dichloroethene	ND		ug/kg	46	11.	1
trans-1,2-Dichloroethene	ND		ug/kg	70	6.4	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-04 Date Collected: 10/27/21 11:30

Client ID: B-4 4-4.5 Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	38		ug/kg	23	6.4	1
1,2-Dichlorobenzene	ND		ug/kg	93	6.7	1
1,3-Dichlorobenzene	ND		ug/kg	93	6.9	1
1,4-Dichlorobenzene	ND		ug/kg	93	7.9	1
Methyl tert butyl ether	ND		ug/kg	93	9.3	1
p/m-Xylene	ND		ug/kg	93	26.	1
o-Xylene	ND		ug/kg	46	14.	1
Xylenes, Total	ND		ug/kg	46	14.	1
cis-1,2-Dichloroethene	ND		ug/kg	46	8.1	1
1,2-Dichloroethene, Total	ND		ug/kg	46	6.4	1
Dibromomethane	ND		ug/kg	93	11.	1
Styrene	ND		ug/kg	46	9.1	1
Dichlorodifluoromethane	ND		ug/kg	460	42.	1
Acetone	ND		ug/kg	460	220	1
Carbon disulfide	ND		ug/kg	460	210	1
2-Butanone	ND		ug/kg	460	100	1
Vinyl acetate	ND		ug/kg	460	100	1
4-Methyl-2-pentanone	ND		ug/kg	460	59.	1
1,2,3-Trichloropropane	ND		ug/kg	93	5.9	1
2-Hexanone	ND		ug/kg	460	55.	1
Bromochloromethane	ND		ug/kg	93	9.5	1
2,2-Dichloropropane	ND		ug/kg	93	9.4	1
1,2-Dibromoethane	ND		ug/kg	46	13.	1
1,3-Dichloropropane	ND		ug/kg	93	7.7	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	23	6.1	1
Bromobenzene	ND		ug/kg	93	6.7	1
n-Butylbenzene	16	J	ug/kg	46	7.7	1
sec-Butylbenzene	11	J	ug/kg	46	6.8	1
tert-Butylbenzene	ND		ug/kg	93	5.5	1
o-Chlorotoluene	ND		ug/kg	93	8.9	1
p-Chlorotoluene	ND		ug/kg	93	5.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	140	46.	1
Hexachlorobutadiene	ND		ug/kg	180	7.8	1
Isopropylbenzene	ND		ug/kg	46	5.0	1
p-Isopropyltoluene	7.6	J	ug/kg	46	5.0	1
Naphthalene	ND		ug/kg	180	30.	1
Acrylonitrile	ND		ug/kg	180	53.	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-04 Date Collected: 10/27/21 11:30

Client ID: B-4 4-4.5 Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	46	7.9	1
1,2,3-Trichlorobenzene	ND		ug/kg	93	15.	1
1,2,4-Trichlorobenzene	ND		ug/kg	93	13.	1
1,3,5-Trimethylbenzene	12	J	ug/kg	93	9.0	1
1,2,4-Trimethylbenzene	27	J	ug/kg	93	15.	1
1,4-Dioxane	ND		ug/kg	3700	1600	1
p-Diethylbenzene	ND		ug/kg	93	8.2	1
p-Ethyltoluene	ND		ug/kg	93	18.	1
1,2,4,5-Tetramethylbenzene	10	J	ug/kg	93	8.9	1
Ethyl ether	ND		ug/kg	93	16.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	230	66.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	106		70-130

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-04
Client ID: B-4 4-4.5
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 11:30
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/09/21 14:33
Analyst: KJD
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	110		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	16		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.92	1
1,2-Dichloroethane	2.8		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	300		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.66	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	0.85		ug/kg	0.66	0.22	1
Toluene	1.4		ug/kg	1.3	0.72	1
Ethylbenzene	0.61	J	ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.6	0.77	1
Vinyl chloride	1.2	J	ug/kg	1.3	0.44	1
Chloroethane	550	E	ug/kg	2.6	0.60	1
1,1-Dichloroethene	3.2		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	0.65	J	ug/kg	2.0	0.18	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-04 Date Collected: 10/27/21 11:30

Client ID: B-4 4-4.5 Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	15		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.27	1
p/m-Xylene	2.2	J	ug/kg	2.6	0.74	1
o-Xylene	1.2	J	ug/kg	1.3	0.38	1
Xylenes, Total	3.4	J	ug/kg	1.3	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
1,2-Dichloroethene, Total	0.65	J	ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.32	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	24		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.0	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.66	0.18	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	4.9		ug/kg	1.3	0.22	1
sec-Butylbenzene	4.2		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.16	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.22	1
Isopropylbenzene	1.2	J	ug/kg	1.3	0.14	1
p-Isopropyltoluene	2.3		ug/kg	1.3	0.14	1
Naphthalene	1.4	J	ug/kg	5.3	0.86	1
Acrylonitrile	ND		ug/kg	5.3	1.5	1

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-04
Client ID: B-4 4-4.5
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 11:30
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
1,3,5-Trimethylbenzene	4.4		ug/kg	2.6	0.26	1
1,2,4-Trimethylbenzene	9.3		ug/kg	2.6	0.44	1
1,4-Dioxane	ND		ug/kg	110	46.	1
p-Diethylbenzene	2.1	J	ug/kg	2.6	0.23	1
p-Ethyltoluene	5.5		ug/kg	2.6	0.51	1
1,2,4,5-Tetramethylbenzene	2.8		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.45	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	**303**	Q	70-130
Dibromofluoromethane	97		70-130

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-05
Client ID: B-5 3.5-4'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 12:15
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/08/21 12:57
Analyst: JC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.0	1.8	1
1,1-Dichloroethane	9.0		ug/kg	0.79	0.12	1
Chloroform	ND		ug/kg	1.2	0.11	1
Carbon tetrachloride	ND		ug/kg	0.79	0.18	1
1,2-Dichloropropane	ND		ug/kg	0.79	0.10	1
Dibromochloromethane	ND		ug/kg	0.79	0.11	1
1,1,2-Trichloroethane	ND		ug/kg	0.79	0.21	1
Tetrachloroethene	1.8		ug/kg	0.40	0.16	1
Chlorobenzene	ND		ug/kg	0.40	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.2	0.55	1
1,2-Dichloroethane	ND		ug/kg	0.79	0.20	1
1,1,1-Trichloroethane	43		ug/kg	0.40	0.13	1
Bromodichloromethane	ND		ug/kg	0.40	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.79	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	0.40	0.12	1
1,3-Dichloropropene, Total	ND		ug/kg	0.40	0.12	1
1,1-Dichloropropene	ND		ug/kg	0.40	0.13	1
Bromoform	ND		ug/kg	3.2	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.40	0.13	1
Benzene	0.60		ug/kg	0.40	0.13	1
Toluene	1.7		ug/kg	0.79	0.43	1
Ethylbenzene	0.29	J	ug/kg	0.79	0.11	1
Chloromethane	ND		ug/kg	3.2	0.74	1
Bromomethane	ND		ug/kg	1.6	0.46	1
Vinyl chloride	ND		ug/kg	0.79	0.27	1
Chloroethane	ND		ug/kg	1.6	0.36	1
1,1-Dichloroethene	0.63	J	ug/kg	0.79	0.19	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-05 Date Collected: 10/27/21 12:15

Client ID: B-5 3.5-4' Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.70		ug/kg	0.40	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.11	1
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.16	1
p/m-Xylene	1.6		ug/kg	1.6	0.44	1
o-Xylene	0.52	J	ug/kg	0.79	0.23	1
Xylenes, Total	2.1	J	ug/kg	0.79	0.23	1
cis-1,2-Dichloroethene	0.21	J	ug/kg	0.79	0.14	1
1,2-Dichloroethene, Total	0.21	J	ug/kg	0.79	0.11	1
Dibromomethane	ND		ug/kg	1.6	0.19	1
Styrene	ND		ug/kg	0.79	0.16	1
Dichlorodifluoromethane	ND		ug/kg	7.9	0.73	1
Acetone	22		ug/kg	7.9	3.8	1
Carbon disulfide	ND		ug/kg	7.9	3.6	1
2-Butanone	5.3	J	ug/kg	7.9	1.8	1
Vinyl acetate	ND		ug/kg	7.9	1.7	1
4-Methyl-2-pentanone	ND		ug/kg	7.9	1.0	1
1,2,3-Trichloropropane	ND		ug/kg	1.6	0.10	1
2-Hexanone	ND		ug/kg	7.9	0.94	1
Bromochloromethane	ND		ug/kg	1.6	0.16	1
2,2-Dichloropropane	ND		ug/kg	1.6	0.16	1
1,2-Dibromoethane	ND		ug/kg	0.79	0.22	1
1,3-Dichloropropane	ND		ug/kg	1.6	0.13	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.40	0.10	1
Bromobenzene	ND		ug/kg	1.6	0.12	1
n-Butylbenzene	ND		ug/kg	0.79	0.13	1
sec-Butylbenzene	0.13	J	ug/kg	0.79	0.12	1
tert-Butylbenzene	ND		ug/kg	1.6	0.09	1
o-Chlorotoluene	ND		ug/kg	1.6	0.15	1
p-Chlorotoluene	ND		ug/kg	1.6	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.4	0.79	1
Hexachlorobutadiene	ND		ug/kg	3.2	0.13	1
Isopropylbenzene	ND		ug/kg	0.79	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.79	0.09	1
Naphthalene	ND		ug/kg	3.2	0.52	1
Acrylonitrile	ND		ug/kg	3.2	0.91	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-05 Date Collected: 10/27/21 12:15

Client ID: B-5 3.5-4' Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	0.17	J	ug/kg	0.79	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
1,3,5-Trimethylbenzene	0.49	J	ug/kg	1.6	0.15	1
1,2,4-Trimethylbenzene	0.89	J	ug/kg	1.6	0.26	1
1,4-Dioxane	ND		ug/kg	64	28.	1
p-Diethylbenzene	ND		ug/kg	1.6	0.14	1
p-Ethyltoluene	ND		ug/kg	1.6	0.30	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.6	0.15	1
Ethyl ether	ND		ug/kg	1.6	0.27	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.0	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	99		70-130

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-06
Client ID: B-6 24-28"
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 12:30
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/08/21 13:53
Analyst: MV
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	380	170	1
1,1-Dichloroethane	1300		ug/kg	76	11.	1
Chloroform	ND		ug/kg	110	11.	1
Carbon tetrachloride	ND		ug/kg	76	17.	1
1,2-Dichloropropane	ND		ug/kg	76	9.5	1
Dibromochloromethane	ND		ug/kg	76	11.	1
1,1,2-Trichloroethane	ND		ug/kg	76	20.	1
Tetrachloroethene	2000		ug/kg	38	15.	1
Chlorobenzene	ND		ug/kg	38	9.6	1
Trichlorofluoromethane	ND		ug/kg	300	53.	1
1,2-Dichloroethane	ND		ug/kg	76	19.	1
1,1,1-Trichloroethane	1300		ug/kg	38	13.	1
Bromodichloromethane	ND		ug/kg	38	8.3	1
trans-1,3-Dichloropropene	ND		ug/kg	76	21.	1
cis-1,3-Dichloropropene	ND		ug/kg	38	12.	1
1,3-Dichloropropene, Total	ND		ug/kg	38	12.	1
1,1-Dichloropropene	ND		ug/kg	38	12.	1
Bromoform	ND		ug/kg	300	19.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	38	12.	1
Benzene	ND		ug/kg	38	12.	1
Toluene	ND		ug/kg	76	41.	1
Ethylbenzene	36	J	ug/kg	76	11.	1
Chloromethane	ND		ug/kg	300	71.	1
Bromomethane	ND		ug/kg	150	44.	1
Vinyl chloride	300		ug/kg	76	25.	1
Chloroethane	ND		ug/kg	150	34.	1
1,1-Dichloroethene	370		ug/kg	76	18.	1
trans-1,2-Dichloroethene	380		ug/kg	110	10.	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-06 Date Collected: 10/27/21 12:30

Client ID: B-6 24-28'' Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	3200		ug/kg	38	10.	1
1,2-Dichlorobenzene	ND		ug/kg	150	11.	1
1,3-Dichlorobenzene	ND		ug/kg	150	11.	1
1,4-Dichlorobenzene	ND		ug/kg	150	13.	1
Methyl tert butyl ether	ND		ug/kg	150	15.	1
p/m-Xylene	46	J	ug/kg	150	42.	1
o-Xylene	45	J	ug/kg	76	22.	1
Xylenes, Total	91	J	ug/kg	76	22.	1
cis-1,2-Dichloroethene	3600		ug/kg	76	13.	1
1,2-Dichloroethene, Total	4000		ug/kg	76	10.	1
Dibromomethane	ND		ug/kg	150	18.	1
Styrene	ND		ug/kg	76	15.	1
Dichlorodifluoromethane	ND		ug/kg	760	69.	1
Acetone	ND		ug/kg	760	360	1
Carbon disulfide	ND		ug/kg	760	340	1
2-Butanone	ND		ug/kg	760	170	1
Vinyl acetate	ND		ug/kg	760	160	1
4-Methyl-2-pentanone	ND		ug/kg	760	97.	1
1,2,3-Trichloropropane	ND		ug/kg	150	9.6	1
2-Hexanone	ND		ug/kg	760	89.	1
Bromochloromethane	ND		ug/kg	150	16.	1
2,2-Dichloropropane	ND		ug/kg	150	15.	1
1,2-Dibromoethane	ND		ug/kg	76	21.	1
1,3-Dichloropropane	ND		ug/kg	150	13.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	38	10.	1
Bromobenzene	ND		ug/kg	150	11.	1
n-Butylbenzene	120		ug/kg	76	13.	1
sec-Butylbenzene	120		ug/kg	76	11.	1
tert-Butylbenzene	ND		ug/kg	150	8.9	1
o-Chlorotoluene	ND		ug/kg	150	14.	1
p-Chlorotoluene	ND		ug/kg	150	8.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	230	76.	1
Hexachlorobutadiene	ND		ug/kg	300	13.	1
Isopropylbenzene	35	J	ug/kg	76	8.3	1
p-Isopropyltoluene	450		ug/kg	76	8.3	1
Naphthalene	290	J	ug/kg	300	49.	1
Acrylonitrile	ND		ug/kg	300	87.	1

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-06
Client ID: B-6 24-28''
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 12:30
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	73	J	ug/kg	76	13.	1
1,2,3-Trichlorobenzene	ND		ug/kg	150	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	150	21.	1
1,3,5-Trimethylbenzene	64	J	ug/kg	150	15.	1
1,2,4-Trimethylbenzene	270		ug/kg	150	25.	1
1,4-Dioxane	ND		ug/kg	6100	2600	1
p-Diethylbenzene	62	J	ug/kg	150	13.	1
p-Ethyltoluene	81	J	ug/kg	150	29.	1
1,2,4,5-Tetramethylbenzene	280		ug/kg	150	14.	1
Ethyl ether	ND		ug/kg	150	26.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	380	110	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	104		70-130

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-07
Client ID: B-7 1-2'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 13:30
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/08/21 13:36
Analyst: JC
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	0.17	J	ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	0.53	J	ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-07 Date Collected: 10/27/21 13:30

Client ID: B-7 1-2' Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-07
Client ID: B-7 1-2'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 13:30
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	90	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	96		70-130

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-08
Client ID: B-8 1.5-2.5'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 13:50
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/08/21 14:14
Analyst: JC
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.3	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.18	1
Dibromochloromethane	ND		ug/kg	1.5	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.39	1
Tetrachloroethene	ND		ug/kg	0.73	0.29	1
Chlorobenzene	ND		ug/kg	0.73	0.19	1
Trichlorofluoromethane	ND		ug/kg	5.9	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.73	0.24	1
Bromodichloromethane	ND		ug/kg	0.73	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.73	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.73	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.73	0.23	1
Bromoform	ND		ug/kg	5.9	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.73	0.24	1
Benzene	ND		ug/kg	0.73	0.24	1
Toluene	1.4	J	ug/kg	1.5	0.80	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	5.9	1.4	1
Bromomethane	ND		ug/kg	2.9	0.85	1
Vinyl chloride	ND		ug/kg	1.5	0.49	1
Chloroethane	ND		ug/kg	2.9	0.66	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-08 Date Collected: 10/27/21 13:50

Client ID: B-8 1.5-2.5' Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.73	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.82	1
o-Xylene	ND		ug/kg	1.5	0.43	1
Xylenes, Total	ND		ug/kg	1.5	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.35	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.3	1
Acetone	ND		ug/kg	15	7.1	1
Carbon disulfide	ND		ug/kg	15	6.7	1
2-Butanone	ND		ug/kg	15	3.2	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.19	1
2-Hexanone	ND		ug/kg	15	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.41	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.73	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.5	0.24	1
sec-Butylbenzene	ND		ug/kg	1.5	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.28	1
p-Chlorotoluene	ND		ug/kg	2.9	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.5	1
Hexachlorobutadiene	ND		ug/kg	5.9	0.25	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	5.9	0.95	1
Acrylonitrile	ND		ug/kg	5.9	1.7	1

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-08
Client ID: B-8 1.5-2.5'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 13:50
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.5	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.49	1
1,4-Dioxane	ND		ug/kg	120	52.	1
p-Diethylbenzene	ND		ug/kg	2.9	0.26	1
p-Ethyltoluene	ND		ug/kg	2.9	0.56	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.9	0.28	1
Ethyl ether	ND		ug/kg	2.9	0.50	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.3	2.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	97		70-130

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-09
Client ID: B-9 1-2'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 13:55
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/08/21 15:31
Analyst: JC
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	16		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	1.2		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.0	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-09 Date Collected: 10/27/21 13:55

Client ID: B-9 1-2' Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	0.15	J	ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.21	1
p/m-Xylene	ND		ug/kg	2.0	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-09
Client ID: B-9 1-2'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 13:55
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	98		70-130

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-10 D2
Client ID: B-10 2-3'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 14:55
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/09/21 14:58
Analyst: KJD
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	1300	590	2.5
1,1-Dichloroethane	320		ug/kg	260	37.	2.5
Chloroform	82	J	ug/kg	380	36.	2.5
Carbon tetrachloride	ND		ug/kg	260	59.	2.5
1,2-Dichloropropane	ND		ug/kg	260	32.	2.5
Dibromochloromethane	ND		ug/kg	260	36.	2.5
1,1,2-Trichloroethane	ND		ug/kg	260	68.	2.5
Tetrachloroethene	110000	E	ug/kg	130	50.	2.5
Chlorobenzene	ND		ug/kg	130	32.	2.5
Trichlorofluoromethane	ND		ug/kg	1000	180	2.5
1,2-Dichloroethane	ND		ug/kg	260	66.	2.5
1,1,1-Trichloroethane	5300		ug/kg	130	43.	2.5
Bromodichloromethane	ND		ug/kg	130	28.	2.5
trans-1,3-Dichloropropene	ND		ug/kg	260	70.	2.5
cis-1,3-Dichloropropene	ND		ug/kg	130	40.	2.5
1,3-Dichloropropene, Total	ND		ug/kg	130	40.	2.5
1,1-Dichloropropene	ND		ug/kg	130	41.	2.5
Bromoform	ND		ug/kg	1000	63.	2.5
1,1,2,2-Tetrachloroethane	ND		ug/kg	130	42.	2.5
Benzene	ND		ug/kg	130	42.	2.5
Toluene	ND		ug/kg	260	140	2.5
Ethylbenzene	ND		ug/kg	260	36.	2.5
Chloromethane	ND		ug/kg	1000	240	2.5
Bromomethane	ND		ug/kg	510	150	2.5
Vinyl chloride	ND		ug/kg	260	86.	2.5
Chloroethane	ND		ug/kg	510	120	2.5
1,1-Dichloroethene	ND		ug/kg	260	61.	2.5
trans-1,2-Dichloroethene	650		ug/kg	380	35.	2.5

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-10 D2 Date Collected: 10/27/21 14:55

Client ID: B-10 2-3' Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	19000		ug/kg	130	35.	2.5
1,2-Dichlorobenzene	ND		ug/kg	510	37.	2.5
1,3-Dichlorobenzene	ND		ug/kg	510	38.	2.5
1,4-Dichlorobenzene	ND		ug/kg	510	44.	2.5
Methyl tert butyl ether	ND		ug/kg	510	52.	2.5
p/m-Xylene	ND		ug/kg	510	140	2.5
o-Xylene	ND		ug/kg	260	74.	2.5
Xylenes, Total	ND		ug/kg	260	74.	2.5
cis-1,2-Dichloroethene	15000		ug/kg	260	45.	2.5
1,2-Dichloroethene, Total	16000		ug/kg	260	35.	2.5
Dibromomethane	ND		ug/kg	510	61.	2.5
Styrene	ND		ug/kg	260	50.	2.5
Dichlorodifluoromethane	ND		ug/kg	2600	230	2.5
Acetone	ND		ug/kg	2600	1200	2.5
Carbon disulfide	ND		ug/kg	2600	1200	2.5
2-Butanone	ND		ug/kg	2600	570	2.5
Vinyl acetate	ND		ug/kg	2600	550	2.5
4-Methyl-2-pentanone	ND		ug/kg	2600	330	2.5
1,2,3-Trichloropropane	ND		ug/kg	510	32.	2.5
2-Hexanone	ND		ug/kg	2600	300	2.5
Bromochloromethane	ND		ug/kg	510	52.	2.5
2,2-Dichloropropane	ND		ug/kg	510	52.	2.5
1,2-Dibromoethane	ND		ug/kg	260	72.	2.5
1,3-Dichloropropane	ND		ug/kg	510	43.	2.5
1,1,1,2-Tetrachloroethane	ND		ug/kg	130	34.	2.5
Bromobenzene	ND		ug/kg	510	37.	2.5
n-Butylbenzene	ND		ug/kg	260	43.	2.5
sec-Butylbenzene	ND		ug/kg	260	37.	2.5
tert-Butylbenzene	ND		ug/kg	510	30.	2.5
o-Chlorotoluene	ND		ug/kg	510	49.	2.5
p-Chlorotoluene	ND		ug/kg	510	28.	2.5
1,2-Dibromo-3-chloropropane	ND		ug/kg	770	260	2.5
Hexachlorobutadiene	ND		ug/kg	1000	43.	2.5
Isopropylbenzene	ND		ug/kg	260	28.	2.5
p-Isopropyltoluene	ND		ug/kg	260	28.	2.5
Naphthalene	940	J	ug/kg	1000	170	2.5
Acrylonitrile	ND		ug/kg	1000	290	2.5

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-10 D2 Date Collected: 10/27/21 14:55

Client ID: B-10 2-3' Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	ND		ug/kg	260	44.	2.5
1,2,3-Trichlorobenzene	ND		ug/kg	510	82.	2.5
1,2,4-Trichlorobenzene	ND		ug/kg	510	70.	2.5
1,3,5-Trimethylbenzene	ND		ug/kg	510	49.	2.5
1,2,4-Trimethylbenzene	ND		ug/kg	510	86.	2.5
1,4-Dioxane	ND		ug/kg	20000	9000	2.5
p-Diethylbenzene	ND		ug/kg	510	45.	2.5
p-Ethyltoluene	ND		ug/kg	510	98.	2.5
1,2,4,5-Tetramethylbenzene	ND		ug/kg	510	49.	2.5
Ethyl ether	ND		ug/kg	510	87.	2.5
trans-1,4-Dichloro-2-butene	ND		ug/kg	1300	360	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	100		70-130

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-10 D
Client ID: B-10 2-3'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 14:55
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/08/21 14:18
Analyst: MV
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Tetrachloroethene	110000		ug/kg	510	200	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	104		70-130

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/09/21 07:03
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 10 Batch: WG1568788-10					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/09/21 07:03
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 10 Batch: WG1568788-10					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	33	J	ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/09/21 07:03
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 10 Batch: WG1568788-10					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	103		70-130

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/08/21 06:24
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04,06,10 Batch: WG1568788-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/08/21 06:24
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04,06,10 Batch: WG1568788-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	34	J	ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/08/21 06:24
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04,06,10 Batch: WG1568788-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

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

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/08/21 07:51
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,05,07-09 Batch: WG1568943-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/08/21 07:51
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,05,07-09 Batch: WG1568943-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	0.24	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/08/21 07:51
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,05,07-09 Batch: WG1568943-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	0.17	J	ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	0.78	J	ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	0.57	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	0.42	J	ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	95		70-130

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/09/21 07:03
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1569066-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/09/21 07:03
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1569066-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	0.66	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/09/21 07:03
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1569066-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	103		70-130

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/09/21 18:58
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG1569430-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/09/21 18:58
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG1569430-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/09/21 18:58
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG1569430-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158958
Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04,06,10 Batch: WG1568788-3 WG1568788-4								
Methylene chloride	94		93		70-130	1		30
1,1-Dichloroethane	102		103		70-130	1		30
Chloroform	100		100		70-130	0		30
Carbon tetrachloride	107		107		70-130	0		30
1,2-Dichloropropane	102		102		70-130	0		30
Dibromochloromethane	102		101		70-130	1		30
1,1,2-Trichloroethane	105		104		70-130	1		30
Tetrachloroethene	110		110		70-130	0		30
Chlorobenzene	110		111		70-130	1		30
Trichlorofluoromethane	91		91		70-139	0		30
1,2-Dichloroethane	99		99		70-130	0		30
1,1,1-Trichloroethane	109		108		70-130	1		30
Bromodichloromethane	108		109		70-130	1		30
trans-1,3-Dichloropropene	117		117		70-130	0		30
cis-1,3-Dichloropropene	110		109		70-130	1		30
1,1-Dichloropropene	106		106		70-130	0		30
Bromoform	104		104		70-130	0		30
1,1,2,2-Tetrachloroethane	108		107		70-130	1		30
Benzene	105		104		70-130	1		30
Toluene	110		110		70-130	0		30
Ethylbenzene	112		110		70-130	2		30
Chloromethane	90		95		52-130	5		30
Bromomethane	98		96		57-147	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158958

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04,06,10 Batch: WG1568788-3 WG1568788-4								
Vinyl chloride	92		92		67-130	0		30
Chloroethane	98		97		50-151	1		30
1,1-Dichloroethene	98		99		65-135	1		30
trans-1,2-Dichloroethene	100		102		70-130	2		30
Trichloroethene	106		105		70-130	1		30
1,2-Dichlorobenzene	109		111		70-130	2		30
1,3-Dichlorobenzene	111		112		70-130	1		30
1,4-Dichlorobenzene	110		111		70-130	1		30
Methyl tert butyl ether	94		96		66-130	2		30
p/m-Xylene	115		113		70-130	2		30
o-Xylene	114		111		70-130	3		30
cis-1,2-Dichloroethene	101		103		70-130	2		30
Dibromomethane	101		100		70-130	1		30
Styrene	102		100		70-130	2		30
Dichlorodifluoromethane	82		86		30-146	5		30
Acetone	102		102		54-140	0		30
Carbon disulfide	90		90		59-130	0		30
2-Butanone	100		100		70-130	0		30
Vinyl acetate	114		113		70-130	1		30
4-Methyl-2-pentanone	99		100		70-130	1		30
1,2,3-Trichloropropane	103		101		68-130	2		30
2-Hexanone	100		100		70-130	0		30
Bromochloromethane	100		100		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158958

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04,06,10 Batch: WG1568788-3 WG1568788-4								
2,2-Dichloropropane	110		110		70-130	0		30
1,2-Dibromoethane	108		106		70-130	2		30
1,3-Dichloropropane	104		105		69-130	1		30
1,1,1,2-Tetrachloroethane	119		117		70-130	2		30
Bromobenzene	103		104		70-130	1		30
n-Butylbenzene	120		120		70-130	0		30
sec-Butylbenzene	117		116		70-130	1		30
tert-Butylbenzene	112		113		70-130	1		30
o-Chlorotoluene	**131**	Q	**132**	Q	70-130	1		30
p-Chlorotoluene	113		113		70-130	0		30
1,2-Dibromo-3-chloropropane	107		106		68-130	1		30
Hexachlorobutadiene	105		107		67-130	2		30
Isopropylbenzene	112		113		70-130	1		30
p-Isopropyltoluene	117		118		70-130	1		30
Naphthalene	103		107		70-130	4		30
Acrylonitrile	101		101		70-130	0		30
n-Propylbenzene	113		114		70-130	1		30
1,2,3-Trichlorobenzene	103		106		70-130	3		30
1,2,4-Trichlorobenzene	108		111		70-130	3		30
1,3,5-Trimethylbenzene	113		114		70-130	1		30
1,2,4-Trimethylbenzene	112		112		70-130	0		30
1,4-Dioxane	94		98		65-136	4		30
p-Diethylbenzene	117		117		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158958

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04,06,10 Batch: WG1568788-3 WG1568788-4								
p-Ethyltoluene	113		113		70-130	0		30
1,2,4,5-Tetramethylbenzene	115		117		70-130	2		30
Ethyl ether	95		94		67-130	1		30
trans-1,4-Dichloro-2-butene	113		112		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		99		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	101		101		70-130
Dibromofluoromethane	101		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158958
Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 10 Batch: WG1568788-8 WG1568788-9								
Methylene chloride	85		86		70-130	1		30
1,1-Dichloroethane	94		92		70-130	2		30
Chloroform	93		90		70-130	3		30
Carbon tetrachloride	107		100		70-130	7		30
1,2-Dichloropropane	96		94		70-130	2		30
Dibromochloromethane	99		99		70-130	0		30
1,1,2-Trichloroethane	100		100		70-130	0		30
Tetrachloroethene	103		99		70-130	4		30
Chlorobenzene	104		100		70-130	4		30
Trichlorofluoromethane	84		90		70-139	7		30
1,2-Dichloroethane	97		95		70-130	2		30
1,1,1-Trichloroethane	105		100		70-130	5		30
Bromodichloromethane	103		101		70-130	2		30
trans-1,3-Dichloropropene	111		111		70-130	0		30
cis-1,3-Dichloropropene	106		102		70-130	4		30
1,1-Dichloropropene	102		96		70-130	6		30
Bromoform	100		107		70-130	7		30
1,1,2,2-Tetrachloroethane	101		109		70-130	8		30
Benzene	97		93		70-130	4		30
Toluene	100		97		70-130	3		30
Ethylbenzene	105		99		70-130	6		30
Chloromethane	80		82		52-130	2		30
Bromomethane	93		91		57-147	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158958
Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 10 Batch: WG1568788-8 WG1568788-9								
Vinyl chloride	86		86		67-130	0		30
Chloroethane	91		91		50-151	0		30
1,1-Dichloroethene	93		90		65-135	3		30
trans-1,2-Dichloroethene	94		90		70-130	4		30
Trichloroethene	100		94		70-130	6		30
1,2-Dichlorobenzene	105		103		70-130	2		30
1,3-Dichlorobenzene	107		104		70-130	3		30
1,4-Dichlorobenzene	105		103		70-130	2		30
Methyl tert butyl ether	93		98		66-130	5		30
p/m-Xylene	109		101		70-130	8		30
o-Xylene	109		100		70-130	9		30
cis-1,2-Dichloroethene	95		92		70-130	3		30
Dibromomethane	96		97		70-130	1		30
Styrene	96		89		70-130	8		30
Dichlorodifluoromethane	75		77		30-146	3		30
Acetone	82		102		54-140	22		30
Carbon disulfide	82		80		59-130	2		30
2-Butanone	89		104		70-130	16		30
Vinyl acetate	111		113		70-130	2		30
4-Methyl-2-pentanone	95		102		70-130	7		30
1,2,3-Trichloropropane	97		105		68-130	8		30
2-Hexanone	96		107		70-130	11		30
Bromochloromethane	96		96		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158958

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 10 Batch: WG1568788-8 WG1568788-9								
2,2-Dichloropropane	106		99		70-130	7		30
1,2-Dibromoethane	104		105		70-130	1		30
1,3-Dichloropropane	100		100		69-130	0		30
1,1,1,2-Tetrachloroethane	108		109		70-130	1		30
Bromobenzene	100		100		70-130	0		30
n-Butylbenzene	112		107		70-130	5		30
sec-Butylbenzene	111		107		70-130	4		30
tert-Butylbenzene	109		104		70-130	5		30
o-Chlorotoluene	126		121		70-130	4		30
p-Chlorotoluene	108		104		70-130	4		30
1,2-Dibromo-3-chloropropane	104		110		68-130	6		30
Hexachlorobutadiene	105		98		67-130	7		30
Isopropylbenzene	108		104		70-130	4		30
p-Isopropyltoluene	113		107		70-130	5		30
Naphthalene	102		109		70-130	7		30
Acrylonitrile	91		100		70-130	9		30
n-Propylbenzene	108		103		70-130	5		30
1,2,3-Trichlorobenzene	102		101		70-130	1		30
1,2,4-Trichlorobenzene	106		105		70-130	1		30
1,3,5-Trimethylbenzene	108		104		70-130	4		30
1,2,4-Trimethylbenzene	106		102		70-130	4		30
1,4-Dioxane	93		101		65-136	8		30
p-Diethylbenzene	111		106		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158958

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 10 Batch: WG1568788-8 WG1568788-9								
p-Ethyltoluene	108		103		70-130	5		30
1,2,4,5-Tetramethylbenzene	111		107		70-130	4		30
Ethyl ether	90		95		67-130	5		30
trans-1,4-Dichloro-2-butene	111		118		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		103		70-130
Toluene-d8	102		105		70-130
4-Bromofluorobenzene	104		105		70-130
Dibromofluoromethane	100		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158958
Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,05,07-09 Batch: WG1568943-3 WG1568943-4								
Methylene chloride	82		83		70-130	1		30
1,1-Dichloroethane	101		105		70-130	4		30
Chloroform	99		103		70-130	4		30
Carbon tetrachloride	102		106		70-130	4		30
1,2-Dichloropropane	99		102		70-130	3		30
Dibromochloromethane	100		103		70-130	3		30
1,1,2-Trichloroethane	99		100		70-130	1		30
Tetrachloroethene	101		100		70-130	1		30
Chlorobenzene	101		103		70-130	2		30
Trichlorofluoromethane	101		103		70-139	2		30
1,2-Dichloroethane	105		107		70-130	2		30
1,1,1-Trichloroethane	105		109		70-130	4		30
Bromodichloromethane	103		107		70-130	4		30
trans-1,3-Dichloropropene	103		105		70-130	2		30
cis-1,3-Dichloropropene	101		104		70-130	3		30
1,1-Dichloropropene	104		108		70-130	4		30
Bromoform	94		97		70-130	3		30
1,1,2,2-Tetrachloroethane	104		105		70-130	1		30
Benzene	100		102		70-130	2		30
Toluene	102		102		70-130	0		30
Ethylbenzene	108		109		70-130	1		30
Chloromethane	96		97		52-130	1		30
Bromomethane	91		92		57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158958
Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,05,07-09 Batch: WG1568943-3 WG1568943-4								
Vinyl chloride	99		100		67-130	1		30
Chloroethane	95		97		50-151	2		30
1,1-Dichloroethene	96		96		65-135	0		30
trans-1,2-Dichloroethene	95		97		70-130	2		30
Trichloroethene	100		100		70-130	0		30
1,2-Dichlorobenzene	102		102		70-130	0		30
1,3-Dichlorobenzene	104		105		70-130	1		30
1,4-Dichlorobenzene	104		105		70-130	1		30
Methyl tert butyl ether	98		99		66-130	1		30
p/m-Xylene	106		107		70-130	1		30
o-Xylene	105		107		70-130	2		30
cis-1,2-Dichloroethene	92		96		70-130	4		30
Dibromomethane	94		96		70-130	2		30
Styrene	110		111		70-130	1		30
Dichlorodifluoromethane	107		106		30-146	1		30
Acetone	92		89		54-140	3		30
Carbon disulfide	79		81		59-130	3		30
2-Butanone	92		89		70-130	3		30
Vinyl acetate	125		**132**	Q	70-130	5		30
4-Methyl-2-pentanone	97		100		70-130	3		30
1,2,3-Trichloropropane	101		101		68-130	0		30
2-Hexanone	107		105		70-130	2		30
Bromochloromethane	90		91		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158958
Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,05,07-09 Batch: WG1568943-3 WG1568943-4								
2,2-Dichloropropane	103		107		70-130	4		30
1,2-Dibromoethane	97		98		70-130	1		30
1,3-Dichloropropane	100		101		69-130	1		30
1,1,1,2-Tetrachloroethane	102		104		70-130	2		30
Bromobenzene	99		99		70-130	0		30
n-Butylbenzene	115		116		70-130	1		30
sec-Butylbenzene	111		114		70-130	3		30
tert-Butylbenzene	107		110		70-130	3		30
o-Chlorotoluene	110		112		70-130	2		30
p-Chlorotoluene	109		111		70-130	2		30
1,2-Dibromo-3-chloropropane	90		89		68-130	1		30
Hexachlorobutadiene	106		109		67-130	3		30
Isopropylbenzene	110		112		70-130	2		30
p-Isopropyltoluene	110		112		70-130	2		30
Naphthalene	102		103		70-130	1		30
Acrylonitrile	104		106		70-130	2		30
n-Propylbenzene	113		116		70-130	3		30
1,2,3-Trichlorobenzene	104		105		70-130	1		30
1,2,4-Trichlorobenzene	108		108		70-130	0		30
1,3,5-Trimethylbenzene	111		112		70-130	1		30
1,2,4-Trimethylbenzene	109		111		70-130	2		30
1,4-Dioxane	98		100		65-136	2		30
p-Diethylbenzene	112		113		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158958
Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,05,07-09 Batch: WG1568943-3 WG1568943-4								
p-Ethyltoluene	111		112		70-130	1		30
1,2,4,5-Tetramethylbenzene	116		118		70-130	2		30
Ethyl ether	99		99		67-130	0		30
trans-1,4-Dichloro-2-butene	113		116		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		103		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	103		103		70-130
Dibromofluoromethane	94		95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158958

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1569066-3 WG1569066-4								
Methylene chloride	85		86		70-130	1		30
1,1-Dichloroethane	94		92		70-130	2		30
Chloroform	93		90		70-130	3		30
Carbon tetrachloride	107		100		70-130	7		30
1,2-Dichloropropane	96		94		70-130	2		30
Dibromochloromethane	99		99		70-130	0		30
1,1,2-Trichloroethane	100		100		70-130	0		30
Tetrachloroethene	103		99		70-130	4		30
Chlorobenzene	104		100		70-130	4		30
Trichlorofluoromethane	84		90		70-139	7		30
1,2-Dichloroethane	97		95		70-130	2		30
1,1,1-Trichloroethane	105		100		70-130	5		30
Bromodichloromethane	103		101		70-130	2		30
trans-1,3-Dichloropropene	111		111		70-130	0		30
cis-1,3-Dichloropropene	106		102		70-130	4		30
1,1-Dichloropropene	102		96		70-130	6		30
Bromoform	100		107		70-130	7		30
1,1,2,2-Tetrachloroethane	101		109		70-130	8		30
Benzene	97		93		70-130	4		30
Toluene	100		97		70-130	3		30
Ethylbenzene	105		99		70-130	6		30
Chloromethane	80		82		52-130	2		30
Bromomethane	93		91		57-147	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158958

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1569066-3 WG1569066-4								
Vinyl chloride	86		86		67-130	0		30
Chloroethane	91		91		50-151	0		30
1,1-Dichloroethene	93		90		65-135	3		30
trans-1,2-Dichloroethene	94		90		70-130	4		30
Trichloroethene	100		94		70-130	6		30
1,2-Dichlorobenzene	105		103		70-130	2		30
1,3-Dichlorobenzene	107		104		70-130	3		30
1,4-Dichlorobenzene	105		103		70-130	2		30
Methyl tert butyl ether	93		98		66-130	5		30
p/m-Xylene	109		101		70-130	8		30
o-Xylene	109		100		70-130	9		30
cis-1,2-Dichloroethene	95		92		70-130	3		30
Dibromomethane	96		97		70-130	1		30
Styrene	96		89		70-130	8		30
Dichlorodifluoromethane	75		77		30-146	3		30
Acetone	82		102		54-140	22		30
Carbon disulfide	82		80		59-130	2		30
2-Butanone	89		104		70-130	16		30
Vinyl acetate	111		113		70-130	2		30
4-Methyl-2-pentanone	95		102		70-130	7		30
1,2,3-Trichloropropane	97		105		68-130	8		30
2-Hexanone	96		107		70-130	11		30
Bromochloromethane	96		96		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158958
Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1569066-3 WG1569066-4								
2,2-Dichloropropane	106		99		70-130	7		30
1,2-Dibromoethane	104		105		70-130	1		30
1,3-Dichloropropane	100		100		69-130	0		30
1,1,1,2-Tetrachloroethane	108		109		70-130	1		30
Bromobenzene	100		100		70-130	0		30
n-Butylbenzene	112		107		70-130	5		30
sec-Butylbenzene	111		107		70-130	4		30
tert-Butylbenzene	109		104		70-130	5		30
o-Chlorotoluene	126		121		70-130	4		30
p-Chlorotoluene	108		104		70-130	4		30
1,2-Dibromo-3-chloropropane	104		110		68-130	6		30
Hexachlorobutadiene	105		98		67-130	7		30
Isopropylbenzene	108		104		70-130	4		30
p-Isopropyltoluene	113		107		70-130	5		30
Naphthalene	102		109		70-130	7		30
Acrylonitrile	91		100		70-130	9		30
n-Propylbenzene	108		103		70-130	5		30
1,2,3-Trichlorobenzene	102		101		70-130	1		30
1,2,4-Trichlorobenzene	106		105		70-130	1		30
1,3,5-Trimethylbenzene	108		104		70-130	4		30
1,2,4-Trimethylbenzene	106		102		70-130	4		30
1,4-Dioxane	93		101		65-136	8		30
p-Diethylbenzene	111		106		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1569066-3 WG1569066-4								
p-Ethyltoluene	108		103		70-130	5		30
1,2,4,5-Tetramethylbenzene	111		107		70-130	4		30
Ethyl ether	90		95		67-130	5		30
trans-1,4-Dichloro-2-butene	111		118		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		103		70-130
Toluene-d8	102		105		70-130
4-Bromofluorobenzene	104		105		70-130
Dibromofluoromethane	100		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158958
Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1569430-3 WG1569430-4								
Methylene chloride	85		81		70-130	5		30
1,1-Dichloroethane	91		89		70-130	2		30
Chloroform	93		86		70-130	8		30
Carbon tetrachloride	95		91		70-130	4		30
1,2-Dichloropropane	90		88		70-130	2		30
Dibromochloromethane	85		83		70-130	2		30
1,1,2-Trichloroethane	90		88		70-130	2		30
Tetrachloroethene	96		92		70-130	4		30
Chlorobenzene	93		90		70-130	3		30
Trichlorofluoromethane	90		86		70-139	5		30
1,2-Dichloroethane	88		85		70-130	3		30
1,1,1-Trichloroethane	96		92		70-130	4		30
Bromodichloromethane	93		91		70-130	2		30
trans-1,3-Dichloropropene	88		85		70-130	3		30
cis-1,3-Dichloropropene	88		85		70-130	3		30
1,1-Dichloropropene	97		93		70-130	4		30
Bromoform	83		83		70-130	0		30
1,1,2,2-Tetrachloroethane	88		88		70-130	0		30
Benzene	92		89		70-130	3		30
Toluene	94		90		70-130	4		30
Ethylbenzene	97		94		70-130	3		30
Chloromethane	87		82		52-130	6		30
Bromomethane	77		71		57-147	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158958
Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1569430-3 WG1569430-4								
Vinyl chloride	84		80		67-130	5		30
Chloroethane	83		79		50-151	5		30
1,1-Dichloroethene	91		87		65-135	4		30
trans-1,2-Dichloroethene	91		87		70-130	4		30
Trichloroethene	93		90		70-130	3		30
1,2-Dichlorobenzene	93		92		70-130	1		30
1,3-Dichlorobenzene	95		94		70-130	1		30
1,4-Dichlorobenzene	92		90		70-130	2		30
Methyl tert butyl ether	89		87		66-130	2		30
p/m-Xylene	99		96		70-130	3		30
o-Xylene	101		97		70-130	4		30
cis-1,2-Dichloroethene	91		87		70-130	4		30
Dibromomethane	85		83		70-130	2		30
Styrene	102		99		70-130	3		30
Dichlorodifluoromethane	83		79		30-146	5		30
Acetone	92		81		54-140	13		30
Carbon disulfide	88		85		59-130	3		30
2-Butanone	75		74		70-130	1		30
Vinyl acetate	87		85		70-130	2		30
4-Methyl-2-pentanone	76		75		70-130	1		30
1,2,3-Trichloropropane	88		89		68-130	1		30
2-Hexanone	73		73		70-130	0		30
Bromochloromethane	87		85		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158958
Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1569430-3 WG1569430-4								
2,2-Dichloropropane	96		93		70-130	3		30
1,2-Dibromoethane	83		82		70-130	1		30
1,3-Dichloropropane	91		89		69-130	2		30
1,1,1,2-Tetrachloroethane	98		97		70-130	1		30
Bromobenzene	94		92		70-130	2		30
n-Butylbenzene	104		101		70-130	3		30
sec-Butylbenzene	102		99		70-130	3		30
tert-Butylbenzene	101		99		70-130	2		30
o-Chlorotoluene	98		96		70-130	2		30
p-Chlorotoluene	99		96		70-130	3		30
1,2-Dibromo-3-chloropropane	72		74		68-130	3		30
Hexachlorobutadiene	102		101		67-130	1		30
Isopropylbenzene	103		99		70-130	4		30
p-Isopropyltoluene	105		102		70-130	3		30
Naphthalene	92		92		70-130	0		30
Acrylonitrile	81		80		70-130	1		30
n-Propylbenzene	102		99		70-130	3		30
1,2,3-Trichlorobenzene	95		94		70-130	1		30
1,2,4-Trichlorobenzene	97		96		70-130	1		30
1,3,5-Trimethylbenzene	102		100		70-130	2		30
1,2,4-Trimethylbenzene	102		100		70-130	2		30
1,4-Dioxane	76		76		65-136	0		30
p-Diethylbenzene	108		106		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158958

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1569430-3 WG1569430-4								
p-Ethyltoluene	105		103		70-130	2		30
1,2,4,5-Tetramethylbenzene	105		102		70-130	3		30
Ethyl ether	70		**66**	Q	67-130	6		30
trans-1,4-Dichloro-2-butene	95		95		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		94		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	103		103		70-130
Dibromofluoromethane	94		95		70-130

SEMIVOLATILES

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-01 D
Client ID: B-1 6-12"
Sample Location: 26 CLARENCE AVE., BUFFALO, NY

Date Collected: 10/27/21 09:58
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/10/21 13:06
Analyst: WR
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	830	110	5
1,2,4-Trichlorobenzene	ND		ug/kg	1000	120	5
Hexachlorobenzene	ND		ug/kg	620	120	5
Bis(2-chloroethyl)ether	ND		ug/kg	930	140	5
2-Chloronaphthalene	ND		ug/kg	1000	100	5
1,2-Dichlorobenzene	ND		ug/kg	1000	180	5
1,3-Dichlorobenzene	ND		ug/kg	1000	180	5
1,4-Dichlorobenzene	ND		ug/kg	1000	180	5
3,3'-Dichlorobenzidine	ND		ug/kg	1000	280	5
2,4-Dinitrotoluene	ND		ug/kg	1000	210	5
2,6-Dinitrotoluene	ND		ug/kg	1000	180	5
Fluoranthene	200	J	ug/kg	620	120	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1000	110	5
4-Bromophenyl phenyl ether	ND		ug/kg	1000	160	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	180	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1100	100	5
Hexachlorobutadiene	ND		ug/kg	1000	150	5
Hexachlorocyclopentadiene	ND		ug/kg	3000	940	5
Hexachloroethane	ND		ug/kg	830	170	5
Isophorone	ND		ug/kg	930	130	5
Naphthalene	ND		ug/kg	1000	130	5
Nitrobenzene	ND		ug/kg	930	150	5
NDPA/DPA	ND		ug/kg	830	120	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1000	160	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1000	360	5
Butyl benzyl phthalate	ND		ug/kg	1000	260	5
Di-n-butylphthalate	ND		ug/kg	1000	200	5
Di-n-octylphthalate	ND		ug/kg	1000	350	5

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-01 D Date Collected: 10/27/21 09:58

Client ID: B-1 6-12" Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1000	96.	5
Dimethyl phthalate	ND		ug/kg	1000	220	5
Benzo(a)anthracene	130	J	ug/kg	620	120	5
Benzo(a)pyrene	ND		ug/kg	830	250	5
Benzo(b)fluoranthene	ND		ug/kg	620	170	5
Benzo(k)fluoranthene	ND		ug/kg	620	160	5
Chrysene	ND		ug/kg	620	110	5
Acenaphthylene	ND		ug/kg	830	160	5
Anthracene	ND		ug/kg	620	200	5
Benzo(ghi)perylene	ND		ug/kg	830	120	5
Fluorene	ND		ug/kg	1000	100	5
Phenanthrene	ND		ug/kg	620	120	5
Dibenzo(a,h)anthracene	ND		ug/kg	620	120	5
Indeno(1,2,3-cd)pyrene	ND		ug/kg	830	140	5
Pyrene	170	J	ug/kg	620	100	5
Biphenyl	ND		ug/kg	2400	240	5
4-Chloroaniline	ND		ug/kg	1000	190	5
2-Nitroaniline	ND		ug/kg	1000	200	5
3-Nitroaniline	ND		ug/kg	1000	200	5
4-Nitroaniline	ND		ug/kg	1000	430	5
Dibenzofuran	ND		ug/kg	1000	98.	5
2-Methylnaphthalene	ND		ug/kg	1200	120	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1000	110	5
Acetophenone	ND		ug/kg	1000	130	5
2,4,6-Trichlorophenol	ND		ug/kg	620	200	5
p-Chloro-m-cresol	ND		ug/kg	1000	150	5
2-Chlorophenol	ND		ug/kg	1000	120	5
2,4-Dichlorophenol	ND		ug/kg	930	170	5
2,4-Dimethylphenol	ND		ug/kg	1000	340	5
2-Nitrophenol	ND		ug/kg	2200	390	5
4-Nitrophenol	ND		ug/kg	1400	420	5
2,4-Dinitrophenol	ND		ug/kg	5000	480	5
4,6-Dinitro-o-cresol	ND		ug/kg	2700	500	5
Pentachlorophenol	ND		ug/kg	830	230	5
Phenol	ND		ug/kg	1000	160	5
2-Methylphenol	ND		ug/kg	1000	160	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1500	160	5

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-01 D Date Collected: 10/27/21 09:58

Client ID: B-1 6-12" Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1000	200	5
Benzoic Acid	ND		ug/kg	3400	1000	5
Benzyl Alcohol	ND		ug/kg	1000	320	5
Carbazole	ND		ug/kg	1000	100	5
1,4-Dioxane	ND		ug/kg	160	48.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	108		25-120
Phenol-d6	104		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	104		30-120
2,4,6-Tribromophenol	127		10-136
4-Terphenyl-d14	97		18-120

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-02
Client ID: B-2 6-12"
Sample Location: 26 CLARENCE AVE., BUFFALO, NY

Date Collected: 10/27/21 10:20
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/10/21 10:22
Analyst: WR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	97	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	160	J	ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-02 Date Collected: 10/27/21 10:20

Client ID: B-2 6-12" Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	56	J	ug/kg	110	20.	1
Benzo(a)pyrene	53	J	ug/kg	150	44.	1
Benzo(b)fluoranthene	93	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	66	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	41	J	ug/kg	150	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	52	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	43	J	ug/kg	150	25.	1
Pyrene	96	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-02
Client ID: B-2 6-12"
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 10:20
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**123**	Q	25-120
Phenol-d6	119		10-120
Nitrobenzene-d5	**123**	Q	23-120
2-Fluorobiphenyl	107		30-120
2,4,6-Tribromophenol	132		10-136
4-Terphenyl-d14	98		18-120

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-03
Client ID: B-3 4-4.5'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY

Date Collected: 10/27/21 10:44
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/10/21 08:25
Analyst: WR
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	35.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	35.	1
Fluoranthene	100	J	ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	1
Naphthalene	55	J	ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	71.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-03 Date Collected: 10/27/21 10:44

Client ID: B-3 4-4.5' Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	43.	1
Benzo(a)anthracene	32	J	ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	46	J	ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	46	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	22	J	ug/kg	210	20.	1
Phenanthrene	100	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	29.	1
Pyrene	73	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	48.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	85.	1
Dibenzofuran	ND		ug/kg	210	19.	1
2-Methylnaphthalene	90	J	ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-03
Client ID: B-3 4-4.5'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 10:44
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	39.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	63.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	114		25-120
Phenol-d6	110		10-120
Nitrobenzene-d5	117		23-120
2-Fluorobiphenyl	106		30-120
2,4,6-Tribromophenol	124		10-136
4-Terphenyl-d14	92		18-120

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-04
Client ID: B-4 4-4.5
Sample Location: 26 CLARENCE AVE., BUFFALO, NY

Date Collected: 10/27/21 11:30
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/10/21 05:40
Analyst: WR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	320		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-04 Date Collected: 10/27/21 11:30

Client ID: B-4 4-4.5 Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-04
Client ID: B-4 4-4.5
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 11:30
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	98		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	113		10-136
4-Terphenyl-d14	101		18-120

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-05
Client ID: B-5 3.5-4'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY

Date Collected: 10/27/21 12:15
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/10/21 04:53
Analyst: WR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	230		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-05 Date Collected: 10/27/21 12:15

Client ID: B-5 3.5-4' Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-05
Client ID: B-5 3.5-4'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 12:15
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**122**	Q	25-120
Phenol-d6	117		10-120
Nitrobenzene-d5	120		23-120
2-Fluorobiphenyl	111		30-120
2,4,6-Tribromophenol	127		10-136
4-Terphenyl-d14	116		18-120

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-06
Client ID: B-6 24-28''
Sample Location: 26 CLARENCE AVE., BUFFALO, NY

Date Collected: 10/27/21 12:30
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/10/21 06:27
Analyst: WR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	61	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-06 Date Collected: 10/27/21 12:30

Client ID: B-6 24-28" Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	47	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	20	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	44	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-06
Client ID: B-6 24-28''
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 12:30
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	95		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	109		10-136
4-Terphenyl-d14	74		18-120

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-07
Client ID: B-7 1-2'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY

Date Collected: 10/27/21 13:30
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/10/21 06:51
Analyst: WR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	69	J	ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	860		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	49	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-07 Date Collected: 10/27/21 13:30

Client ID: B-7 1-2' Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	440		ug/kg	120	22.	1
Benzo(a)pyrene	360		ug/kg	160	48.	1
Benzo(b)fluoranthene	460		ug/kg	120	33.	1
Benzo(k)fluoranthene	160		ug/kg	120	32.	1
Chrysene	330		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	170		ug/kg	120	38.	1
Benzo(ghi)perylene	160		ug/kg	160	23.	1
Fluorene	96	J	ug/kg	200	19.	1
Phenanthrene	700		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	47	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	190		ug/kg	160	28.	1
Pyrene	660		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	54	J	ug/kg	200	19.	1
2-Methylnaphthalene	32	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-07
Client ID: B-7 1-2'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 13:30
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	98	J	ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	101		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	88		18-120

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-08
Client ID: B-8 1.5-2.5'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY

Date Collected: 10/27/21 13:50
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/10/21 10:45
Analyst: WR
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	38	J	ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	670		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	36	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	100	J	ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-08 Date Collected: 10/27/21 13:50

Client ID: B-8 1.5-2.5' Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	360		ug/kg	120	22.	1
Benzo(a)pyrene	330		ug/kg	160	48.	1
Benzo(b)fluoranthene	440		ug/kg	120	33.	1
Benzo(k)fluoranthene	140		ug/kg	120	32.	1
Chrysene	300		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	83	J	ug/kg	120	38.	1
Benzo(ghi)perylene	220		ug/kg	160	23.	1
Fluorene	31	J	ug/kg	200	19.	1
Phenanthrene	350		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	49	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	230		ug/kg	160	28.	1
Pyrene	530		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	21	J	ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	200		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-08
Client ID: B-8 1.5-2.5'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 13:50
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	55	J	ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	116		25-120
Phenol-d6	112		10-120
Nitrobenzene-d5	**123**	Q	23-120
2-Fluorobiphenyl	106		30-120
2,4,6-Tribromophenol	**144**	Q	10-136
4-Terphenyl-d14	78		18-120

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-09
Client ID: B-9 1-2'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY

Date Collected: 10/27/21 13:55
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/10/21 05:17
Analyst: WR
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:35

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

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-09 Date Collected: 10/27/21 13:55

Client ID: B-9 1-2' Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	170	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	470	48.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-09
Client ID: B-9 1-2'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 13:55
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	31	9.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**122**	Q	25-120
Phenol-d6	**122**	Q	10-120
Nitrobenzene-d5	**127**	Q	23-120
2-Fluorobiphenyl	**122**	Q	30-120
2,4,6-Tribromophenol	**144**	Q	10-136
4-Terphenyl-d14	**134**	Q	18-120

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-10 D2
Client ID: B-10 2-3'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY

Date Collected: 10/27/21 14:55
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/10/21 13:29
Analyst: WR
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	52000		ug/kg	1200	230	10

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-10 D
Client ID: B-10 2-3'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY

Date Collected: 10/27/21 14:55
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/10/21 11:09
Analyst: WR
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	3400		ug/kg	800	100	5
1,2,4-Trichlorobenzene	ND		ug/kg	1000	110	5
Hexachlorobenzene	ND		ug/kg	600	110	5
Bis(2-chloroethyl)ether	ND		ug/kg	900	140	5
2-Chloronaphthalene	ND		ug/kg	1000	99.	5
1,2-Dichlorobenzene	ND		ug/kg	1000	180	5
1,3-Dichlorobenzene	ND		ug/kg	1000	170	5
1,4-Dichlorobenzene	ND		ug/kg	1000	170	5
3,3'-Dichlorobenzidine	ND		ug/kg	1000	260	5
2,4-Dinitrotoluene	ND		ug/kg	1000	200	5
2,6-Dinitrotoluene	ND		ug/kg	1000	170	5
Fluoranthene	50000	E	ug/kg	600	110	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1000	110	5
4-Bromophenyl phenyl ether	ND		ug/kg	1000	150	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1200	170	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1100	100	5
Hexachlorobutadiene	ND		ug/kg	1000	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2800	900	5
Hexachloroethane	ND		ug/kg	800	160	5
Isophorone	ND		ug/kg	900	130	5
Naphthalene	2200		ug/kg	1000	120	5
Nitrobenzene	ND		ug/kg	900	150	5
NDPA/DPA	ND		ug/kg	800	110	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1000	150	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1000	340	5
Butyl benzyl phthalate	680	J	ug/kg	1000	250	5
Di-n-butylphthalate	ND		ug/kg	1000	190	5
Di-n-octylphthalate	ND		ug/kg	1000	340	5

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-10 D Date Collected: 10/27/21 14:55

Client ID: B-10 2-3' Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1000	92.	5
Dimethyl phthalate	ND		ug/kg	1000	210	5
Benzo(a)anthracene	34000		ug/kg	600	110	5
Benzo(a)pyrene	25000		ug/kg	800	240	5
Benzo(b)fluoranthene	36000		ug/kg	600	170	5
Benzo(k)fluoranthene	9500		ug/kg	600	160	5
Chrysene	23000		ug/kg	600	100	5
Acenaphthylene	2600		ug/kg	800	150	5
Anthracene	14000		ug/kg	600	190	5
Benzo(ghi)perylene	11000		ug/kg	800	120	5
Fluorene	6400		ug/kg	1000	97.	5
Phenanthrene	39000		ug/kg	600	120	5
Dibenzo(a,h)anthracene	3600		ug/kg	600	120	5
Indeno(1,2,3-cd)pyrene	14000		ug/kg	800	140	5
Pyrene	37000		ug/kg	600	99.	5
Biphenyl	350	J	ug/kg	2300	230	5
4-Chloroaniline	ND		ug/kg	1000	180	5
2-Nitroaniline	ND		ug/kg	1000	190	5
3-Nitroaniline	ND		ug/kg	1000	190	5
4-Nitroaniline	ND		ug/kg	1000	410	5
Dibenzofuran	3400		ug/kg	1000	94.	5
2-Methylnaphthalene	1400		ug/kg	1200	120	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1000	100	5
Acetophenone	ND		ug/kg	1000	120	5
2,4,6-Trichlorophenol	ND		ug/kg	600	190	5
p-Chloro-m-cresol	ND		ug/kg	1000	150	5
2-Chlorophenol	ND		ug/kg	1000	120	5
2,4-Dichlorophenol	ND		ug/kg	900	160	5
2,4-Dimethylphenol	ND		ug/kg	1000	330	5
2-Nitrophenol	ND		ug/kg	2200	370	5
4-Nitrophenol	ND		ug/kg	1400	410	5
2,4-Dinitrophenol	ND		ug/kg	4800	460	5
4,6-Dinitro-o-cresol	ND		ug/kg	2600	480	5
Pentachlorophenol	ND		ug/kg	800	220	5
Phenol	ND		ug/kg	1000	150	5
2-Methylphenol	ND		ug/kg	1000	150	5
3-Methylphenol/4-Methylphenol	210	J	ug/kg	1400	160	5

Project Name: 26+46 CLARENCE AVE **Lab Number:** L2158958

Project Number: 3162-01 **Report Date:** 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-10 D Date Collected: 10/27/21 14:55

Client ID: B-10 2-3' Date Received: 10/27/21

Sample Location: 26 CLARENCE AVE., BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1000	190	5
Benzoic Acid	ND		ug/kg	3200	1000	5
Benzyl Alcohol	ND		ug/kg	1000	300	5
Carbazole	5000		ug/kg	1000	97.	5
1,4-Dioxane	ND		ug/kg	150	46.	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	107		10-136
4-Terphenyl-d14	92		18-120

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/09/21 21:00
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1568177-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/09/21 21:00
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1568177-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/09/21 21:00
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 11/07/21 03:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1568177-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	104		10-136
4-Terphenyl-d14	96		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158958

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1568177-2 WG1568177-3								
Acenaphthene	83		96		31-137	15		50
1,2,4-Trichlorobenzene	89		106		38-107	17		50
Hexachlorobenzene	102		116		40-140	13		50
Bis(2-chloroethyl)ether	78		86		40-140	10		50
2-Chloronaphthalene	89		102		40-140	14		50
1,2-Dichlorobenzene	85		97		40-140	13		50
1,3-Dichlorobenzene	84		97		40-140	14		50
1,4-Dichlorobenzene	85		96		28-104	12		50
3,3'-Dichlorobenzidine	55		62		40-140	12		50
2,4-Dinitrotoluene	93		104		40-132	11		50
2,6-Dinitrotoluene	94		109		40-140	15		50
Fluoranthene	86		100		40-140	15		50
4-Chlorophenyl phenyl ether	91		102		40-140	11		50
4-Bromophenyl phenyl ether	95		110		40-140	15		50
Bis(2-chloroisopropyl)ether	54		61		40-140	12		50
Bis(2-chloroethoxy)methane	78		93		40-117	18		50
Hexachlorobutadiene	90		102		40-140	13		50
Hexachlorocyclopentadiene	76		86		40-140	12		50
Hexachloroethane	76		90		40-140	17		50
Isophorone	80		94		40-140	16		50
Naphthalene	86		97		40-140	12		50
Nitrobenzene	75		88		40-140	16		50
NDPA/DPA	88		100		36-157	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158958

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1568177-2 WG1568177-3								
n-Nitrosodi-n-propylamine	75		88		32-121	16		50
Bis(2-ethylhexyl)phthalate	80		94		40-140	16		50
Butyl benzyl phthalate	80		96		40-140	18		50
Di-n-butylphthalate	85		98		40-140	14		50
Di-n-octylphthalate	87		96		40-140	10		50
Diethyl phthalate	85		96		40-140	12		50
Dimethyl phthalate	93		106		40-140	13		50
Benzo(a)anthracene	84		96		40-140	13		50
Benzo(a)pyrene	87		101		40-140	15		50
Benzo(b)fluoranthene	88		99		40-140	12		50
Benzo(k)fluoranthene	85		102		40-140	18		50
Chrysene	83		96		40-140	15		50
Acenaphthylene	92		106		40-140	14		50
Anthracene	85		98		40-140	14		50
Benzo(ghi)perylene	94		105		40-140	11		50
Fluorene	85		98		40-140	14		50
Phenanthrene	83		96		40-140	15		50
Dibenzo(a,h)anthracene	96		108		40-140	12		50
Indeno(1,2,3-cd)pyrene	99		110		40-140	11		50
Pyrene	84		98		35-142	15		50
Biphenyl	90		105		37-127	15		50
4-Chloroaniline	60		73		40-140	20		50
2-Nitroaniline	93		108		47-134	15		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158958
Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1568177-2 WG1568177-3								
3-Nitroaniline	57		67		26-129	16		50
4-Nitroaniline	87		98		41-125	12		50
Dibenzofuran	86		98		40-140	13		50
2-Methylnaphthalene	89		101		40-140	13		50
1,2,4,5-Tetrachlorobenzene	93		108		40-117	15		50
Acetophenone	88		102		14-144	15		50
2,4,6-Trichlorophenol	97		112		30-130	14		50
p-Chloro-m-cresol	90		102		26-103	13		50
2-Chlorophenol	90		102		25-102	13		50
2,4-Dichlorophenol	99		118		30-130	18		50
2,4-Dimethylphenol	87		105		30-130	19		50
2-Nitrophenol	94		111		30-130	17		50
4-Nitrophenol	88		97		11-114	10		50
2,4-Dinitrophenol	77		72		4-130	7		50
4,6-Dinitro-o-cresol	94		101		10-130	7		50
Pentachlorophenol	100		**112**	Q	17-109	11		50
Phenol	82		**92**	Q	26-90	11		50
2-Methylphenol	87		98		30-130.	12		50
3-Methylphenol/4-Methylphenol	95		112		30-130	16		50
2,4,5-Trichlorophenol	98		113		30-130	14		50
Benzoic Acid	22		**8**	Q	10-110	**89**	Q	50
Benzyl Alcohol	83		96		40-140	15		50
Carbazole	86		98		54-128	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158958

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1568177-2 WG1568177-3								
1,4-Dioxane	50		54		40-140	8		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	88		97		25-120
Phenol-d6	93		104		10-120
Nitrobenzene-d5	80		92		23-120
2-Fluorobiphenyl	91		104		30-120
2,4,6-Tribromophenol	110		127		10-136
4-Terphenyl-d14	91		111		18-120

METALS

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-01
Client ID: B-1 6-12"
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 09:58
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.21		mg/kg	2.48	0.516	5	11/02/21 20:05	11/04/21 23:52	EPA 3050B	1,6010D	DL
Barium, Total	127		mg/kg	2.48	0.432	5	11/02/21 20:05	11/04/21 23:52	EPA 3050B	1,6010D	DL
Beryllium, Total	3.84		mg/kg	1.24	0.082	5	11/02/21 20:05	11/04/21 23:52	EPA 3050B	1,6010D	DL
Cadmium, Total	0.397	J	mg/kg	2.48	0.243	5	11/02/21 20:05	11/04/21 23:52	EPA 3050B	1,6010D	DL
Chromium, Total	11.6		mg/kg	2.48	0.238	5	11/02/21 20:05	11/04/21 23:52	EPA 3050B	1,6010D	DL
Copper, Total	12.6		mg/kg	2.48	0.640	5	11/02/21 20:05	11/04/21 23:52	EPA 3050B	1,6010D	DL
Lead, Total	44.2		mg/kg	12.4	0.665	5	11/02/21 20:05	11/04/21 23:52	EPA 3050B	1,6010D	DL
Manganese, Total	1160		mg/kg	2.48	0.394	5	11/02/21 20:05	11/04/21 23:52	EPA 3050B	1,6010D	DL
Mercury, Total	ND		mg/kg	0.080	0.052	1	11/02/21 21:00	11/04/21 15:31	EPA 7471B	1,7471B	AC
Nickel, Total	8.78		mg/kg	6.20	0.600	5	11/02/21 20:05	11/04/21 23:52	EPA 3050B	1,6010D	DL
Selenium, Total	2.40	J	mg/kg	4.96	0.640	5	11/02/21 20:05	11/04/21 23:52	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	2.48	0.702	5	11/02/21 20:05	11/04/21 23:52	EPA 3050B	1,6010D	DL
Zinc, Total	51.2		mg/kg	12.4	0.727	5	11/02/21 20:05	11/04/21 23:52	EPA 3050B	1,6010D	DL

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-02
Client ID: B-2 6-12"
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 10:20
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.40	J	mg/kg	2.20	0.457	5	11/02/21 20:05	11/04/21 23:57	EPA 3050B	1,6010D	DL
Barium, Total	119		mg/kg	2.20	0.382	5	11/02/21 20:05	11/04/21 23:57	EPA 3050B	1,6010D	DL
Beryllium, Total	5.16		mg/kg	1.10	0.073	5	11/02/21 20:05	11/04/21 23:57	EPA 3050B	1,6010D	DL
Cadmium, Total	ND		mg/kg	2.20	0.215	5	11/02/21 20:05	11/04/21 23:57	EPA 3050B	1,6010D	DL
Chromium, Total	6.57		mg/kg	2.20	0.211	5	11/02/21 20:05	11/04/21 23:57	EPA 3050B	1,6010D	DL
Copper, Total	2.48		mg/kg	2.20	0.567	5	11/02/21 20:05	11/04/21 23:57	EPA 3050B	1,6010D	DL
Lead, Total	2.86	J	mg/kg	11.0	0.588	5	11/02/21 20:05	11/04/21 23:57	EPA 3050B	1,6010D	DL
Manganese, Total	1250		mg/kg	2.20	0.349	5	11/02/21 20:05	11/04/21 23:57	EPA 3050B	1,6010D	DL
Mercury, Total	ND		mg/kg	0.073	0.048	1	11/02/21 21:00	11/04/21 15:35	EPA 7471B	1,7471B	AC
Nickel, Total	1.52	J	mg/kg	5.49	0.531	5	11/02/21 20:05	11/04/21 23:57	EPA 3050B	1,6010D	DL
Selenium, Total	3.01	J	mg/kg	4.39	0.567	5	11/02/21 20:05	11/04/21 23:57	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	2.20	0.622	5	11/02/21 20:05	11/04/21 23:57	EPA 3050B	1,6010D	DL
Zinc, Total	5.88	J	mg/kg	11.0	0.643	5	11/02/21 20:05	11/04/21 23:57	EPA 3050B	1,6010D	DL

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-03
Client ID: B-3 4-4.5'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 10:44
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	6.30		mg/kg	0.493	0.102	1	11/02/21 20:05	11/04/21 21:32	EPA 3050B	1,6010D	DL
Barium, Total	30.2		mg/kg	0.493	0.086	1	11/02/21 20:05	11/04/21 21:32	EPA 3050B	1,6010D	DL
Beryllium, Total	0.261		mg/kg	0.247	0.016	1	11/02/21 20:05	11/04/21 21:32	EPA 3050B	1,6010D	DL
Cadmium, Total	0.266	J	mg/kg	0.493	0.048	1	11/02/21 20:05	11/04/21 21:32	EPA 3050B	1,6010D	DL
Chromium, Total	6.78		mg/kg	0.493	0.047	1	11/02/21 20:05	11/04/21 21:32	EPA 3050B	1,6010D	DL
Copper, Total	17.7		mg/kg	0.493	0.127	1	11/02/21 20:05	11/04/21 21:32	EPA 3050B	1,6010D	DL
Lead, Total	13.3		mg/kg	2.47	0.132	1	11/02/21 20:05	11/04/21 21:32	EPA 3050B	1,6010D	DL
Manganese, Total	132		mg/kg	0.493	0.078	1	11/02/21 20:05	11/04/21 21:32	EPA 3050B	1,6010D	DL
Mercury, Total	ND		mg/kg	0.091	0.059	1	11/02/21 21:00	11/04/21 15:38	EPA 7471B	1,7471B	AC
Nickel, Total	11.2		mg/kg	1.23	0.119	1	11/02/21 20:05	11/04/21 21:32	EPA 3050B	1,6010D	DL
Selenium, Total	0.429	J	mg/kg	0.986	0.127	1	11/02/21 20:05	11/04/21 21:32	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.493	0.140	1	11/02/21 20:05	11/04/21 21:32	EPA 3050B	1,6010D	DL
Zinc, Total	27.0		mg/kg	2.47	0.144	1	11/02/21 20:05	11/04/21 21:32	EPA 3050B	1,6010D	DL

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-04
Client ID: B-4 4-4.5
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 11:30
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.83		mg/kg	0.448	0.093	1	11/02/21 20:05	11/04/21 21:37	EPA 3050B	1,6010D	DL
Barium, Total	15.5		mg/kg	0.448	0.078	1	11/02/21 20:05	11/04/21 21:37	EPA 3050B	1,6010D	DL
Beryllium, Total	0.103	J	mg/kg	0.224	0.015	1	11/02/21 20:05	11/04/21 21:37	EPA 3050B	1,6010D	DL
Cadmium, Total	0.220	J	mg/kg	0.448	0.044	1	11/02/21 20:05	11/04/21 21:37	EPA 3050B	1,6010D	DL
Chromium, Total	3.67		mg/kg	0.448	0.043	1	11/02/21 20:05	11/04/21 21:37	EPA 3050B	1,6010D	DL
Copper, Total	5.22		mg/kg	0.448	0.116	1	11/02/21 20:05	11/04/21 21:37	EPA 3050B	1,6010D	DL
Lead, Total	18.7		mg/kg	2.24	0.120	1	11/02/21 20:05	11/04/21 21:37	EPA 3050B	1,6010D	DL
Manganese, Total	157		mg/kg	0.448	0.071	1	11/02/21 20:05	11/04/21 21:37	EPA 3050B	1,6010D	DL
Mercury, Total	ND		mg/kg	0.081	0.053	1	11/02/21 21:00	11/04/21 15:41	EPA 7471B	1,7471B	AC
Nickel, Total	4.81		mg/kg	1.12	0.108	1	11/02/21 20:05	11/04/21 21:37	EPA 3050B	1,6010D	DL
Selenium, Total	0.130	J	mg/kg	0.897	0.116	1	11/02/21 20:05	11/04/21 21:37	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.448	0.127	1	11/02/21 20:05	11/04/21 21:37	EPA 3050B	1,6010D	DL
Zinc, Total	95.7		mg/kg	2.24	0.131	1	11/02/21 20:05	11/04/21 21:37	EPA 3050B	1,6010D	DL

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-05
Client ID: B-5 3.5-4'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 12:15
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.28		mg/kg	2.20	0.458	5	11/02/21 20:05	11/05/21 00:02	EPA 3050B	1,6010D	DL
Barium, Total	51.6		mg/kg	2.20	0.383	5	11/02/21 20:05	11/05/21 00:02	EPA 3050B	1,6010D	DL
Beryllium, Total	0.396	J	mg/kg	1.10	0.073	5	11/02/21 20:05	11/05/21 00:02	EPA 3050B	1,6010D	DL
Cadmium, Total	0.374	J	mg/kg	2.20	0.216	5	11/02/21 20:05	11/05/21 00:02	EPA 3050B	1,6010D	DL
Chromium, Total	13.7		mg/kg	2.20	0.211	5	11/02/21 20:05	11/05/21 00:02	EPA 3050B	1,6010D	DL
Copper, Total	23.4		mg/kg	2.20	0.568	5	11/02/21 20:05	11/05/21 00:02	EPA 3050B	1,6010D	DL
Lead, Total	9.07	J	mg/kg	11.0	0.590	5	11/02/21 20:05	11/05/21 00:02	EPA 3050B	1,6010D	DL
Manganese, Total	205		mg/kg	2.20	0.350	5	11/02/21 20:05	11/05/21 00:02	EPA 3050B	1,6010D	DL
Mercury, Total	ND		mg/kg	0.076	0.050	1	11/02/21 21:00	11/04/21 15:44	EPA 7471B	1,7471B	AC
Nickel, Total	16.2		mg/kg	5.50	0.533	5	11/02/21 20:05	11/05/21 00:02	EPA 3050B	1,6010D	DL
Selenium, Total	ND		mg/kg	4.40	0.568	5	11/02/21 20:05	11/05/21 00:02	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	2.20	0.623	5	11/02/21 20:05	11/05/21 00:02	EPA 3050B	1,6010D	DL
Zinc, Total	67.4		mg/kg	11.0	0.645	5	11/02/21 20:05	11/05/21 00:02	EPA 3050B	1,6010D	DL

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-06
Client ID: B-6 24-28"
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 12:30
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	9.60		mg/kg	0.440	0.092	1	11/02/21 20:05	11/04/21 22:05	EPA 3050B	1,6010D	DL
Barium, Total	20.1		mg/kg	0.440	0.077	1	11/02/21 20:05	11/04/21 22:05	EPA 3050B	1,6010D	DL
Beryllium, Total	0.220		mg/kg	0.220	0.015	1	11/02/21 20:05	11/04/21 22:05	EPA 3050B	1,6010D	DL
Cadmium, Total	0.198	J	mg/kg	0.440	0.043	1	11/02/21 20:05	11/04/21 22:05	EPA 3050B	1,6010D	DL
Chromium, Total	3.88		mg/kg	0.440	0.042	1	11/02/21 20:05	11/04/21 22:05	EPA 3050B	1,6010D	DL
Copper, Total	10.8		mg/kg	0.440	0.113	1	11/02/21 20:05	11/04/21 22:05	EPA 3050B	1,6010D	DL
Lead, Total	20.2		mg/kg	2.20	0.118	1	11/02/21 20:05	11/04/21 22:05	EPA 3050B	1,6010D	DL
Manganese, Total	57.7		mg/kg	0.440	0.070	1	11/02/21 20:05	11/04/21 22:05	EPA 3050B	1,6010D	DL
Mercury, Total	ND		mg/kg	0.075	0.049	1	11/02/21 21:00	11/04/21 15:48	EPA 7471B	1,7471B	AC
Nickel, Total	8.25		mg/kg	1.10	0.106	1	11/02/21 20:05	11/04/21 22:05	EPA 3050B	1,6010D	DL
Selenium, Total	0.730	J	mg/kg	0.880	0.113	1	11/02/21 20:05	11/04/21 22:05	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.440	0.124	1	11/02/21 20:05	11/04/21 22:05	EPA 3050B	1,6010D	DL
Zinc, Total	28.9		mg/kg	2.20	0.129	1	11/02/21 20:05	11/04/21 22:05	EPA 3050B	1,6010D	DL

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-07
Client ID: B-7 1-2'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 13:30
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.18		mg/kg	0.448	0.093	1	11/02/21 20:05	11/04/21 22:10	EPA 3050B	1,6010D	DL
Barium, Total	66.0		mg/kg	0.448	0.078	1	11/02/21 20:05	11/04/21 22:10	EPA 3050B	1,6010D	DL
Beryllium, Total	0.435		mg/kg	0.224	0.015	1	11/02/21 20:05	11/04/21 22:10	EPA 3050B	1,6010D	DL
Cadmium, Total	0.650		mg/kg	0.448	0.044	1	11/02/21 20:05	11/04/21 22:10	EPA 3050B	1,6010D	DL
Chromium, Total	10.3		mg/kg	0.448	0.043	1	11/02/21 20:05	11/04/21 22:10	EPA 3050B	1,6010D	DL
Copper, Total	23.7		mg/kg	0.448	0.116	1	11/02/21 20:05	11/04/21 22:10	EPA 3050B	1,6010D	DL
Lead, Total	46.4		mg/kg	2.24	0.120	1	11/02/21 20:05	11/04/21 22:10	EPA 3050B	1,6010D	DL
Manganese, Total	432		mg/kg	0.448	0.071	1	11/02/21 20:05	11/04/21 22:10	EPA 3050B	1,6010D	DL
Mercury, Total	0.058	J	mg/kg	0.083	0.054	1	11/02/21 21:00	11/04/21 15:58	EPA 7471B	1,7471B	AC
Nickel, Total	10.9		mg/kg	1.12	0.108	1	11/02/21 20:05	11/04/21 22:10	EPA 3050B	1,6010D	DL
Selenium, Total	0.372	J	mg/kg	0.897	0.116	1	11/02/21 20:05	11/04/21 22:10	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.448	0.127	1	11/02/21 20:05	11/04/21 22:10	EPA 3050B	1,6010D	DL
Zinc, Total	81.4		mg/kg	2.24	0.131	1	11/02/21 20:05	11/04/21 22:10	EPA 3050B	1,6010D	DL

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-08
Client ID: B-8 1.5-2.5'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 13:50
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.95		mg/kg	0.466	0.097	1	11/02/21 20:05	11/04/21 22:15	EPA 3050B	1,6010D	DL
Barium, Total	90.3		mg/kg	0.466	0.081	1	11/02/21 20:05	11/04/21 22:15	EPA 3050B	1,6010D	DL
Beryllium, Total	0.424		mg/kg	0.233	0.015	1	11/02/21 20:05	11/04/21 22:15	EPA 3050B	1,6010D	DL
Cadmium, Total	2.01		mg/kg	0.466	0.046	1	11/02/21 20:05	11/04/21 22:15	EPA 3050B	1,6010D	DL
Chromium, Total	12.8		mg/kg	0.466	0.045	1	11/02/21 20:05	11/04/21 22:15	EPA 3050B	1,6010D	DL
Copper, Total	32.0		mg/kg	0.466	0.120	1	11/02/21 20:05	11/04/21 22:15	EPA 3050B	1,6010D	DL
Lead, Total	262		mg/kg	2.33	0.125	1	11/02/21 20:05	11/04/21 22:15	EPA 3050B	1,6010D	DL
Manganese, Total	309		mg/kg	0.466	0.074	1	11/02/21 20:05	11/04/21 22:15	EPA 3050B	1,6010D	DL
Mercury, Total	0.103		mg/kg	0.078	0.051	1	11/02/21 21:00	11/04/21 16:01	EPA 7471B	1,7471B	AC
Nickel, Total	13.3		mg/kg	1.16	0.113	1	11/02/21 20:05	11/04/21 22:15	EPA 3050B	1,6010D	DL
Selenium, Total	0.349	J	mg/kg	0.931	0.120	1	11/02/21 20:05	11/04/21 22:15	EPA 3050B	1,6010D	DL
Silver, Total	0.349	J	mg/kg	0.466	0.132	1	11/02/21 20:05	11/04/21 22:15	EPA 3050B	1,6010D	DL
Zinc, Total	408		mg/kg	2.33	0.136	1	11/02/21 20:05	11/04/21 22:15	EPA 3050B	1,6010D	DL

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-09
Client ID: B-9 1-2'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 13:55
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.07		mg/kg	2.39	0.496	5	11/02/21 20:05	11/05/21 10:18	EPA 3050B	1,6010D	GD
Barium, Total	156		mg/kg	2.39	0.415	5	11/02/21 20:05	11/05/21 10:18	EPA 3050B	1,6010D	GD
Beryllium, Total	0.955	J	mg/kg	1.19	0.079	5	11/02/21 20:05	11/05/21 10:18	EPA 3050B	1,6010D	GD
Cadmium, Total	1.07	J	mg/kg	2.39	0.234	5	11/02/21 20:05	11/05/21 10:18	EPA 3050B	1,6010D	GD
Chromium, Total	18.7		mg/kg	2.39	0.229	5	11/02/21 20:05	11/05/21 10:18	EPA 3050B	1,6010D	GD
Copper, Total	16.5		mg/kg	2.39	0.616	5	11/02/21 20:05	11/05/21 10:18	EPA 3050B	1,6010D	GD
Lead, Total	15.0		mg/kg	11.9	0.640	5	11/02/21 20:05	11/05/21 10:18	EPA 3050B	1,6010D	GD
Manganese, Total	2490		mg/kg	2.39	0.380	5	11/02/21 20:05	11/05/21 10:18	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.087	0.057	1	11/02/21 21:00	11/04/21 16:04	EPA 7471B	1,7471B	AC
Nickel, Total	34.0		mg/kg	5.97	0.578	5	11/02/21 20:05	11/05/21 10:18	EPA 3050B	1,6010D	GD
Selenium, Total	1.14	J	mg/kg	4.77	0.616	5	11/02/21 20:05	11/05/21 10:18	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	2.39	0.676	5	11/02/21 20:05	11/05/21 10:18	EPA 3050B	1,6010D	GD
Zinc, Total	54.9		mg/kg	11.9	0.699	5	11/02/21 20:05	11/05/21 10:18	EPA 3050B	1,6010D	GD

Project Name: 26+46 CLARENCE AVE
Lab Number: L2158958
Project Number: 3162-01
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-10
Client ID: B-10 2-3'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Date Collected: 10/27/21 14:55
Date Received: 10/27/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	8.29		mg/kg	0.462	0.096	1	11/02/21 20:05	11/04/21 22:57	EPA 3050B	1,6010D	DL
Barium, Total	142		mg/kg	0.462	0.080	1	11/02/21 20:05	11/04/21 22:57	EPA 3050B	1,6010D	DL
Beryllium, Total	0.351		mg/kg	0.231	0.015	1	11/02/21 20:05	11/04/21 22:57	EPA 3050B	1,6010D	DL
Cadmium, Total	0.868		mg/kg	0.462	0.045	1	11/02/21 20:05	11/04/21 22:57	EPA 3050B	1,6010D	DL
Chromium, Total	13.1		mg/kg	0.462	0.044	1	11/02/21 20:05	11/04/21 22:57	EPA 3050B	1,6010D	DL
Copper, Total	25.4		mg/kg	0.462	0.119	1	11/02/21 20:05	11/04/21 22:57	EPA 3050B	1,6010D	DL
Lead, Total	1060		mg/kg	2.31	0.124	1	11/02/21 20:05	11/04/21 22:57	EPA 3050B	1,6010D	DL
Manganese, Total	202		mg/kg	0.462	0.073	1	11/02/21 20:05	11/04/21 22:57	EPA 3050B	1,6010D	DL
Mercury, Total	0.130		mg/kg	0.080	0.052	1	11/02/21 21:00	11/04/21 16:08	EPA 7471B	1,7471B	AC
Nickel, Total	11.0		mg/kg	1.15	0.112	1	11/02/21 20:05	11/04/21 22:57	EPA 3050B	1,6010D	DL
Selenium, Total	0.476	J	mg/kg	0.923	0.119	1	11/02/21 20:05	11/04/21 22:57	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.462	0.131	1	11/02/21 20:05	11/04/21 22:57	EPA 3050B	1,6010D	DL
Zinc, Total	268		mg/kg	2.31	0.135	1	11/02/21 20:05	11/04/21 22:57	EPA 3050B	1,6010D	DL

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1566186-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Barium, Total	ND		mg/kg	0.400	0.070	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Chromium, Total	ND		mg/kg	0.400	0.038	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Copper, Total	ND		mg/kg	0.400	0.103	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Lead, Total	ND		mg/kg	2.00	0.107	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Manganese, Total	ND		mg/kg	0.400	0.064	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Nickel, Total	ND		mg/kg	1.00	0.097	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Selenium, Total	ND		mg/kg	0.800	0.103	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Silver, Total	ND		mg/kg	0.400	0.113	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL
Zinc, Total	ND		mg/kg	2.00	0.117	1	11/02/21 20:05	11/04/21 20:00	1,6010D	DL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1566187-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	11/02/21 21:00	11/04/21 14:35	1,7471B	AC

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158958

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1566186-2 SRM Lot Number: D109-540								
Arsenic, Total	99		-		70-130	-		
Barium, Total	94		-		75-125	-		
Beryllium, Total	97		-		75-125	-		
Cadmium, Total	98		-		75-125	-		
Chromium, Total	95		-		70-130	-		
Copper, Total	95		-		75-125	-		
Lead, Total	99		-		72-128	-		
Manganese, Total	98		-		74-126	-		
Nickel, Total	96		-		70-130	-		
Selenium, Total	98		-		68-132	-		
Silver, Total	97		-		68-131	-		
Zinc, Total	96		-		70-130	-		
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1566187-2 SRM Lot Number: D109-540								
Mercury, Total	87		-		60-140	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158958
Report Date: 11/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1566186-3 QC Sample: L2158895-01 Client ID: MS Sample												
Arsenic, Total	31.1	14.6	76.8	**313**	Q	-	-		75-125	-		20
Barium, Total	237	244	481	100		-	-		75-125	-		20
Beryllium, Total	0.239J	6.09	5.64	93		-	-		75-125	-		20
Cadmium, Total	1.08	6.46	6.47	83		-	-		75-125	-		20
Chromium, Total	48.9	24.4	106	**234**	Q	-	-		75-125	-		20
Copper, Total	244	30.4	283	**128**	Q	-	-		75-125	-		20
Lead, Total	38.0	64.6	85.2	**73**	Q	-	-		75-125	-		20
Manganese, Total	211	60.9	262	84		-	-		75-125	-		20
Nickel, Total	21.0	60.9	65.1	**72**	Q	-	-		75-125	-		20
Selenium, Total	2.24	14.6	16.9	100		-	-		75-125	-		20
Silver, Total	0.932	36.5	35.4	94		-	-		75-125	-		20
Zinc, Total	373	60.9	428	90		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1566187-3 QC Sample: L2158895-01 Client ID: MS Sample												
Mercury, Total	0.614	0.198	0.673	**30**	Q	-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158958

Report Date: 11/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1566186-4 QC Sample: L2158895-01 Client ID: DUP Sample						
Arsenic, Total	31.1	26.4	mg/kg	16		20
Cadmium, Total	1.08	1.02	mg/kg	6		20
Chromium, Total	48.9	36.6	mg/kg	**29**	Q	20
Copper, Total	244	219	mg/kg	11		20
Lead, Total	38.0	31.1	mg/kg	20		20
Nickel, Total	21.0	15.0	mg/kg	**33**	Q	20
Selenium, Total	2.24	2.16	mg/kg	4		20
Zinc, Total	373	346	mg/kg	8		20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1566187-4 QC Sample: L2158895-01 Client ID: DUP Sample						
Mercury, Total	0.614	0.526	mg/kg	15		20

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2158958
Report Date: 11/10/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1566186-6 QC Sample: L2158895-01 Client ID: DUP Sample						
Chromium, Total	48.9	53.5	mg/kg	9		20

INORGANICS
&
MISCELLANEOUS

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-01
Client ID: B-1 6-12"
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/27/21 09:58
Date Received: 10/27/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.0		%	0.100	NA	1	-	10/28/21 07:42	121,2540G	RI
Cyanide, Total	3.6		mg/kg	1.2	0.25	1	11/09/21 13:00	11/10/21 10:05	1,9010C/9012B	CS

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-02
Client ID: B-2 6-12"
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/27/21 10:20
Date Received: 10/27/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	10/28/21 07:42	121,2540G	RI
Cyanide, Total	1.6		mg/kg	1.1	0.23	1	11/09/21 13:00	11/10/21 10:08	1,9010C/9012B	CS

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-03
Client ID: B-3 4-4.5'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/27/21 10:44
Date Received: 10/27/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	10/28/21 07:42	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	11/09/21 13:00	11/10/21 10:09	1,9010C/9012B	CS

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-04
Client ID: B-4 4-4.5
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/27/21 11:30
Date Received: 10/27/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.7		%	0.100	NA	1	-	10/28/21 07:42	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	11/09/21 13:00	11/10/21 10:12	1,9010C/9012B	CS

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-05
Client ID: B-5 3.5-4'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/27/21 12:15
Date Received: 10/27/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	10/28/21 07:42	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	11/09/21 13:00	11/10/21 10:13	1,9010C/9012B	CS

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-06
Client ID: B-6 24-28"
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/27/21 12:30
Date Received: 10/27/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.3		%	0.100	NA	1	-	10/28/21 07:42	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	11/09/21 13:00	11/10/21 10:14	1,9010C/9012B	CS

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-07
Client ID: B-7 1-2'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/27/21 13:30
Date Received: 10/27/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	10/28/21 07:42	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	11/09/21 13:00	11/10/21 10:15	1,9010C/9012B	CS

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-08
Client ID: B-8 1.5-2.5'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/27/21 13:50
Date Received: 10/27/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.1		%	0.100	NA	1	-	10/28/21 07:42	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.24	1	11/09/21 13:00	11/10/21 10:16	1,9010C/9012B	CS

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-09
Client ID: B-9 1-2'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/27/21 13:55
Date Received: 10/27/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.0		%	0.100	NA	1	-	10/28/21 07:42	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.26	1	11/09/21 13:00	11/10/21 10:17	1,9010C/9012B	CS

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

SAMPLE RESULTS

Lab ID: L2158958-10
Client ID: B-10 2-3'
Sample Location: 26 CLARENCE AVE., BUFFALO, NY
Sample Depth:
Matrix: Soil
Date Collected: 10/27/21 14:55
Date Received: 10/27/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	10/28/21 07:42	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	11/09/21 13:00	11/10/21 10:18	1,9010C/9012B	CS

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2158958
Report Date: 11/10/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-10 Batch: WG1568936-1										
Cyanide, Total	ND		mg/kg	0.86	0.18	1	11/09/21 13:00	11/10/21 10:01	1,9010C/9012B	CS

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158958

Report Date: 11/10/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 Batch: WG1568936-2 WG1568936-3								
Cyanide, Total	**63**	Q	**51**	Q	80-120	12		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158958
Report Date: 11/10/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1568936-4 WG1568936-5 QC Sample: L2158958-01 Client ID: B-1 6-12"												
Cyanide, Total	3.6	12	14	87		13	80		75-125	7		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 26+46 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2158958

Report Date: 11/10/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1564146-1 QC Sample: L2158958-01 Client ID: B-1 6-12"						
Solids, Total	80.0	82.9	%	4		20

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158958
Report Date: 11/10/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2158958-01A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2158958-01B	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260HLW(14)
L2158958-01C	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260HLW(14)
L2158958-01D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2158958-01E	Glass 120ml/4oz unpreserved	B	NA		5.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7)
L2158958-02A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2158958-02B	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260HLW(14)
L2158958-02C	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260HLW(14)
L2158958-02D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2158958-02E	Glass 120ml/4oz unpreserved	B	NA		5.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7)
L2158958-03A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2158958-03B	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260HLW(14)
L2158958-03C	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260HLW(14)
L2158958-03D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2158958-03E	Glass 120ml/4oz unpreserved	B	NA		5.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7)
L2158958-04A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260H(14),NYTCL-8260HLW(14)
L2158958-04B	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260H(14),NYTCL-8260HLW(14)
L2158958-04C	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260H(14),NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158958
Report Date: 11/10/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2158958-04D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2158958-04E	Glass 120ml/4oz unpreserved	B	NA		5.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7)
L2158958-05A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2158958-05B	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260HLW(14)
L2158958-05C	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260HLW(14)
L2158958-05D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2158958-05E	Glass 120ml/4oz unpreserved	B	NA		5.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7)
L2158958-06A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2158958-06B	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260HLW(14)
L2158958-06C	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260HLW(14)
L2158958-06D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2158958-06E	Glass 120ml/4oz unpreserved	B	NA		5.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7)
L2158958-07A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2158958-07B	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260HLW(14)
L2158958-07C	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260HLW(14)
L2158958-07D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2158958-07E	Glass 120ml/4oz unpreserved	B	NA		5.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7)
L2158958-08A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2158958-08B	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260HLW(14)
L2158958-08C	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260HLW(14)
L2158958-08D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 26+46 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2158958
Report Date: 11/10/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2158958-08E	Glass 120ml/4oz unpreserved	B	NA		5.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7)
L2158958-09A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2158958-09B	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260HLW(14)
L2158958-09C	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260HLW(14)
L2158958-09D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2158958-09E	Glass 120ml/4oz unpreserved	B	NA		5.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7)
L2158958-10A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2158958-10B	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260HLW(14)
L2158958-10C	Vial water preserved	A	NA		3.8	Y	Absent	28-OCT-21 08:18	NYTCL-8260HLW(14)
L2158958-10D	Metals Only-Glass 60mL/2oz unpreserved	B	NA		5.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2158958-10E	Glass 120ml/4oz unpreserved	B	NA		5.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	26+46 CLARENCE AVE	**Lab Number:**	L2158958
Project Number:	3162-01	**Report Date:**	11/10/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	26+46 CLARENCE AVE	**Lab Number:**	L2158958
Project Number:	3162-01	**Report Date:**	11/10/21

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	26+46 CLARENCE AVE	**Lab Number:**	L2158958
Project Number:	3162-01	**Report Date:**	11/10/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	26+46 CLARENCE AVE	**Lab Number:**	L2158958
Project Number:	3162-01	**Report Date:**	11/10/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

Note: B-1 VOCs from 0-4-4.5' SVOCs + Metals from 6-12"

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 506-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 10/28/21

ALPHA Job #: L2158958

Client Information
Client: AEG
Address: 100 Jefferson Blvd
Warwick, RI
Phone: 401-732-7600
Fax:
Email: Tim.Nevins@fwwebb.com

Project Information
Project Name: Ele 26+46 Clarence Avenue
Project Location: 26 Clarence Avenue, Buffalo, NY
Project #: 3162-01
(Use Project name as Project #)
Project Manager: T. Nevins
ALPHAQuote #:

Turn-Around Time
Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

Deliverables
ASP-A / ASP-B
EQuIS (1 File) / EQuIS (4 File)
Other

Regulatory Requirement
NY TOGS / NY Part 375
AWQ Standards / NY CP-51
NY Restricted Use / Other
NY Unrestricted Use
NYC Sewer Discharge

Billing Information
Same as Client Info
PO #: 113-0247925

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
NJ / NY
Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:
Meet NYSDEC Criteria for Residential and Industrial/Commercial Properties

Please specify Metals or TAL. NYSDEC Part 375 and CP-51

ANALYSIS

Sample Filtration
Done
Lab to do
Preservation
Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	Metals	Sample Specific Comments	Total Bottle
58958-01	B-1 6-12"	10/27/21	0958	Soil	TFN	X	X	X		5
02	B-2 6-12"		1020			X	X	X		5
03	B-3 4-4.5'		1044			X	X	X		5
04	B-4 4-4.5'		1120			X	X	X		5
05	B-5 3.5-4'		1215			X	X	X		5
06	B-6 24-28"		1230			X	X	X		5
07	B-7 1-2'		1330			X	X	X		5
08	B-8 1.5-2.5'		1350			X	X	X		5
09	B-9 1-2'		1355			X	X	X		5
10	B-10 2-3'		1455			X	X	X		5

Container Type: V / A / A
Preservative: F/O / A / A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	10/27/21 1605	AAL	10/27/21 16:05
AAL	10/27/21 16:55		10/28/21 00:55

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

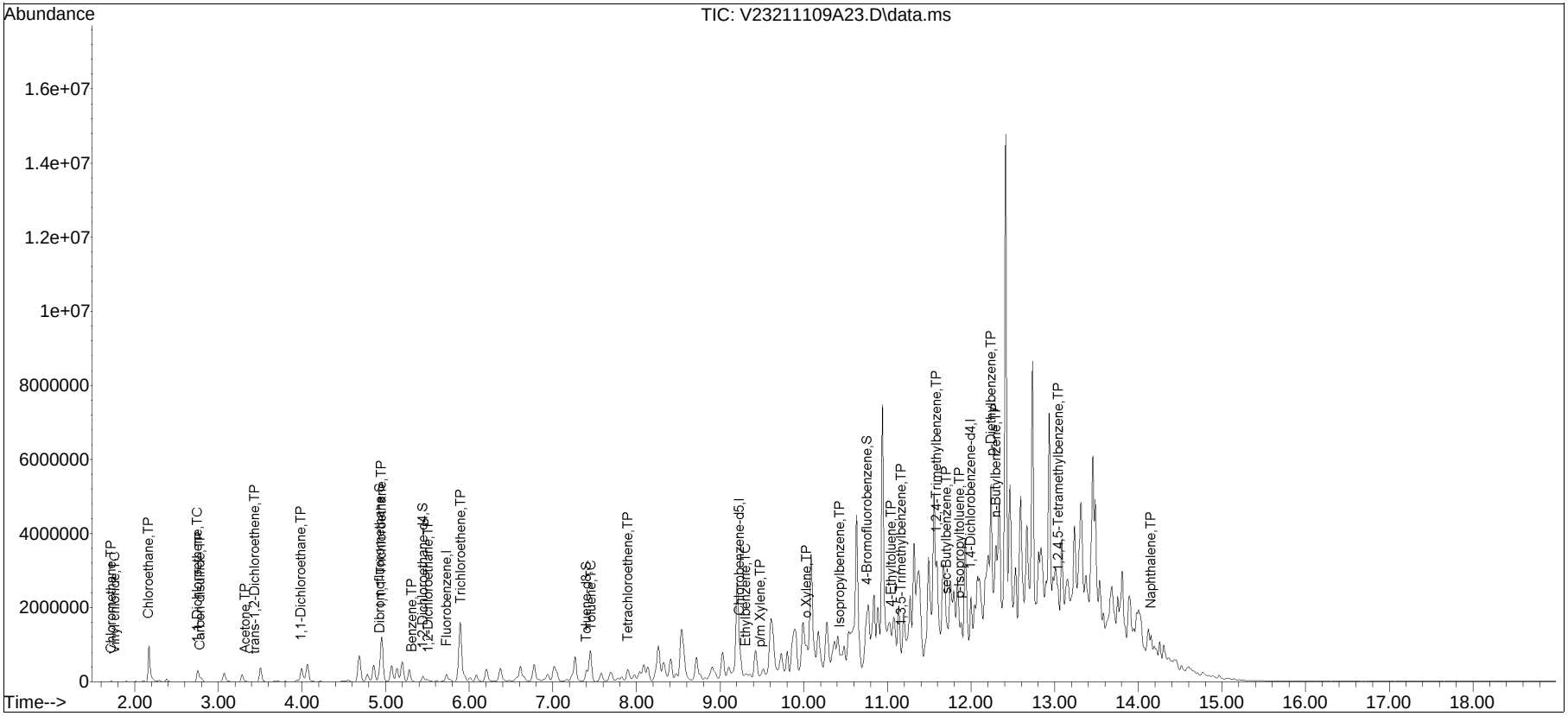
Form No: 01-25 HC (rev. 30-Sept-2013)

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA123\2021\211109A\
Data File : V23211109A23.D
Acq On : 09 Nov 2021 02:33 pm
Operator : VOA123:KJD
Sample : L2158958-04,31,4.25,5,,B
Misc : WG1569066,ICAL18401
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 09 16:18:20 2021
Quant Method : I:\VOLATILES\VOA123\2021\211109A\V123_211020N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Oct 21 08:44:24 2021
Response via : Initial Calibration

Sub List : 8260-NYTCL - Megamix plus Diox11109A\V23211109A02.D•



ANALYTICAL REPORT

Lab Number:	L2159354
Client:	Alliance Environmental Group 100 Jefferson Boulevard Suite 220 Warwick, RI 02888
ATTN:	Tim Nevins
Phone:	(401) 732-7600
Project Name:	26 CLEARENCE AVE, BUFFALO, NY
Project Number:	3162-01
Report Date:	11/11/21

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01

Lab Number: L2159354
Report Date: 11/11/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2159354-01	B-11 24-28''	SOIL	26 CLEARENCE AVENUE	10/28/21 09:25	10/28/21
L2159354-02	B-12 1-5'	SOIL	26 CLEARENCE AVENUE	10/28/21 09:40	10/28/21
L2159354-03	B-13 28-46''	SOIL	26 CLEARENCE AVENUE	10/28/21 10:40	10/28/21
L2159354-04	B-14 2-3'	SOIL	26 CLEARENCE AVENUE	10/28/21 11:10	10/28/21
L2159354-05	B-14 3-4'	SOIL	26 CLEARENCE AVENUE	10/28/21 11:10	10/28/21
L2159354-06	B-16 28-32'	SOIL	26 CLEARENCE AVENUE	10/28/21 11:15	10/28/21

Project Name:	26 CLEARENCE AVE, BUFFALO, NY	**Lab Number:**	L2159354
Project Number:	3162-01	**Report Date:**	11/11/21

Case Narrative

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

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

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

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

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

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

Project Name:	26 CLEARENCE AVE, BUFFALO, NY	**Lab Number:**	L2159354
Project Number:	3162-01	**Report Date:**	11/11/21

Case Narrative (continued)

Report Submission

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

Sample Receipt

The analyses performed were specified by the client.

Volatile Organics

L2159354-01: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (133%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2159354-01: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

L2159354-05: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (144%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

L2159354-06: The internal standard (IS) response(s) for 1,4-dichlorobenzene-d4 (31%) and the surrogate recovery for 4-bromofluorobenzene (506%) were outside the acceptance criteria due to obvious interferences. A copy of the chromatogram is included as an attachment to this report. The sample was analyzed as a High Level Methanol in order to quantitate results within the calibration range. The result should be considered estimated, and is qualified with an E flag, for any compound that exceeded the calibration on the initial Low Level analysis; however, since the IS response was below method criteria, all associated compounds are considered to have a potentially high bias. The results of both analyses are reported.

Semivolatile Organics

The WG1568843-2/-3 LCS/LCSD recoveries, associated with L2159354-01 through -06, are below the acceptance criteria for benzoic acid (4%/6%); however, it has been identified as a "difficult" analyte. The results

Project Name:	26 CLEARENCE AVE, BUFFALO, NY	**Lab Number:**	L2159354
Project Number:	3162-01	**Report Date:**	11/11/21

Case Narrative (continued)

of the associated samples are reported.

Total Metals

L2159354-05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

Cyanide, Total

WG1569518-1: A Matrix Spike and Laboratory Duplicate were prepared with the sample batch, however, the native sample was not available for reporting; therefore, the results could not be reported.

The WG1569518-3 LCSD recovery for cyanide, total (65%), associated with L2159354-01 and -02, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported. The LCS/LCSD RPD is above the acceptance criteria for cyanide, total (49%).

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

Authorized Signature:  Sebastian Corbin

Title: Technical Director/Representative Date: 11/11/21

ORGANICS

VOLATILES

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-01
Client ID: B-11 24-28"
Sample Location: 26 CLEARENCE AVENUE

Date Collected: 10/28/21 09:25
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/09/21 22:27
Analyst: NLK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	280	130	1
1,1-Dichloroethane	ND		ug/kg	56	8.0	1
Chloroform	ND		ug/kg	83	7.8	1
Carbon tetrachloride	ND		ug/kg	56	13.	1
1,2-Dichloropropane	ND		ug/kg	56	6.9	1
Dibromochloromethane	ND		ug/kg	56	7.8	1
1,1,2-Trichloroethane	ND		ug/kg	56	15.	1
Tetrachloroethene	ND		ug/kg	28	11.	1
Chlorobenzene	ND		ug/kg	28	7.0	1
Trichlorofluoromethane	ND		ug/kg	220	39.	1
1,2-Dichloroethane	ND		ug/kg	56	14.	1
1,1,1-Trichloroethane	ND		ug/kg	28	9.3	1
Bromodichloromethane	ND		ug/kg	28	6.0	1
trans-1,3-Dichloropropene	ND		ug/kg	56	15.	1
cis-1,3-Dichloropropene	ND		ug/kg	28	8.8	1
1,3-Dichloropropene, Total	ND		ug/kg	28	8.8	1
Bromoform	ND		ug/kg	220	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	28	9.2	1
Benzene	ND		ug/kg	28	9.2	1
Toluene	ND		ug/kg	56	30.	1
Ethylbenzene	12	J	ug/kg	56	7.8	1
Chloromethane	ND		ug/kg	220	52.	1
Bromomethane	ND		ug/kg	110	32.	1
Vinyl chloride	ND		ug/kg	56	19.	1
Chloroethane	ND		ug/kg	110	25.	1
1,1-Dichloroethene	ND		ug/kg	56	13.	1
trans-1,2-Dichloroethene	ND		ug/kg	83	7.6	1
Trichloroethene	ND		ug/kg	28	7.6	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-01 Date Collected: 10/28/21 09:25

Client ID: B-11 24-28" Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	110	8.0	1
1,3-Dichlorobenzene	ND		ug/kg	110	8.2	1
1,4-Dichlorobenzene	ND		ug/kg	110	9.5	1
Methyl tert butyl ether	ND		ug/kg	110	11.	1
p/m-Xylene	ND		ug/kg	110	31.	1
o-Xylene	ND		ug/kg	56	16.	1
Xylenes, Total	ND		ug/kg	56	16.	1
cis-1,2-Dichloroethene	12	J	ug/kg	56	9.7	1
1,2-Dichloroethene, Total	12	J	ug/kg	56	7.6	1
Styrene	ND		ug/kg	56	11.	1
Dichlorodifluoromethane	ND		ug/kg	560	51.	1
Acetone	ND		ug/kg	560	270	1
Carbon disulfide	ND		ug/kg	560	250	1
2-Butanone	ND		ug/kg	560	120	1
4-Methyl-2-pentanone	ND		ug/kg	560	71.	1
2-Hexanone	ND		ug/kg	560	66.	1
Bromochloromethane	ND		ug/kg	110	11.	1
1,2-Dibromoethane	ND		ug/kg	56	15.	1
n-Butylbenzene	190		ug/kg	56	9.3	1
sec-Butylbenzene	370		ug/kg	56	8.1	1
tert-Butylbenzene	54	J	ug/kg	110	6.6	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	170	55.	1
Isopropylbenzene	ND		ug/kg	56	6.0	1
p-Isopropyltoluene	ND		ug/kg	56	6.0	1
Naphthalene	120	J	ug/kg	220	36.	1
n-Propylbenzene	ND		ug/kg	56	9.5	1
1,2,3-Trichlorobenzene	ND		ug/kg	110	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	110	15.	1
1,3,5-Trimethylbenzene	ND		ug/kg	110	11.	1
1,2,4-Trimethylbenzene	30	J	ug/kg	110	18.	1
Methyl Acetate	ND		ug/kg	220	53.	1
Cyclohexane	ND		ug/kg	560	30.	1
1,4-Dioxane	ND		ug/kg	4400	1900	1
Freon-113	ND		ug/kg	220	38.	1
Methyl cyclohexane	410		ug/kg	220	33.	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-01 Date Collected: 10/28/21 09:25

Client ID: B-11 24-28" Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	**133**	Q	70-130
Dibromofluoromethane	95		70-130

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-02 Date Collected: 10/28/21 09:40
Client ID: B-12 1-5' Date Received: 10/28/21
Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/11/21 00:46
Analyst: AJK
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.3	1
1,1-Dichloroethane	0.33	J	ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.49	0.19	1
Chlorobenzene	ND		ug/kg	0.49	0.12	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.49	0.16	1
Bromodichloromethane	ND		ug/kg	0.49	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.49	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.49	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	0.50	J	ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	0.86		ug/kg	0.49	0.14	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-02 Date Collected: 10/28/21 09:40

Client ID: B-12 1-5' Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.55	1
o-Xylene	ND		ug/kg	0.99	0.29	1
Xylenes, Total	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	2.3		ug/kg	0.99	0.17	1
1,2-Dichloroethene, Total	2.3		ug/kg	0.99	0.14	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.90	1
Acetone	40		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	12		ug/kg	9.9	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.98	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
Naphthalene	ND		ug/kg	4.0	0.64	1
n-Propylbenzene	ND		ug/kg	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
Methyl Acetate	ND		ug/kg	4.0	0.94	1
Cyclohexane	ND		ug/kg	9.9	0.54	1
1,4-Dioxane	ND		ug/kg	79	35.	1
Freon-113	ND		ug/kg	4.0	0.68	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-02 Date Collected: 10/28/21 09:40

Client ID: B-12 1-5' Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	106		70-130

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-03 Date Collected: 10/28/21 10:40
Client ID: B-13 28-46" Date Received: 10/28/21
Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/09/21 22:01
Analyst: NLK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	340	160	1
1,1-Dichloroethane	280		ug/kg	69	10.	1
Chloroform	ND		ug/kg	100	9.6	1
Carbon tetrachloride	ND		ug/kg	69	16.	1
1,2-Dichloropropane	ND		ug/kg	69	8.6	1
Dibromochloromethane	ND		ug/kg	69	9.6	1
1,1,2-Trichloroethane	ND		ug/kg	69	18.	1
Tetrachloroethene	2900		ug/kg	34	14.	1
Chlorobenzene	ND		ug/kg	34	8.7	1
Trichlorofluoromethane	ND		ug/kg	280	48.	1
1,2-Dichloroethane	ND		ug/kg	69	18.	1
1,1,1-Trichloroethane	ND		ug/kg	34	12.	1
Bromodichloromethane	ND		ug/kg	34	7.5	1
trans-1,3-Dichloropropene	ND		ug/kg	69	19.	1
cis-1,3-Dichloropropene	ND		ug/kg	34	11.	1
1,3-Dichloropropene, Total	ND		ug/kg	34	11.	1
Bromoform	ND		ug/kg	280	17.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	34	11.	1
Benzene	15	J	ug/kg	34	11.	1
Toluene	ND		ug/kg	69	37.	1
Ethylbenzene	ND		ug/kg	69	9.7	1
Chloromethane	ND		ug/kg	280	64.	1
Bromomethane	ND		ug/kg	140	40.	1
Vinyl chloride	2600		ug/kg	69	23.	1
Chloroethane	ND		ug/kg	140	31.	1
1,1-Dichloroethene	ND		ug/kg	69	16.	1
trans-1,2-Dichloroethene	400		ug/kg	100	9.4	1
Trichloroethene	93		ug/kg	34	9.4	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-03 Date Collected: 10/28/21 10:40

Client ID: B-13 28-46" Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	140	9.9	1
1,3-Dichlorobenzene	ND		ug/kg	140	10.	1
1,4-Dichlorobenzene	12	J	ug/kg	140	12.	1
Methyl tert butyl ether	ND		ug/kg	140	14.	1
p/m-Xylene	ND		ug/kg	140	38.	1
o-Xylene	21	J	ug/kg	69	20.	1
Xylenes, Total	21	J	ug/kg	69	20.	1
cis-1,2-Dichloroethene	8000		ug/kg	69	12.	1
1,2-Dichloroethene, Total	8400		ug/kg	69	9.4	1
Styrene	ND		ug/kg	69	14.	1
Dichlorodifluoromethane	ND		ug/kg	690	63.	1
Acetone	ND		ug/kg	690	330	1
Carbon disulfide	ND		ug/kg	690	310	1
2-Butanone	ND		ug/kg	690	150	1
4-Methyl-2-pentanone	ND		ug/kg	690	88.	1
2-Hexanone	ND		ug/kg	690	81.	1
Bromochloromethane	ND		ug/kg	140	14.	1
1,2-Dibromoethane	ND		ug/kg	69	19.	1
n-Butylbenzene	ND		ug/kg	69	12.	1
sec-Butylbenzene	ND		ug/kg	69	10.	1
tert-Butylbenzene	ND		ug/kg	140	8.1	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	210	69.	1
Isopropylbenzene	ND		ug/kg	69	7.5	1
p-Isopropyltoluene	ND		ug/kg	69	7.5	1
Naphthalene	130	J	ug/kg	280	45.	1
n-Propylbenzene	ND		ug/kg	69	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	140	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	140	19.	1
1,3,5-Trimethylbenzene	ND		ug/kg	140	13.	1
1,2,4-Trimethylbenzene	23	J	ug/kg	140	23.	1
Methyl Acetate	360		ug/kg	280	65.	1
Cyclohexane	44	J	ug/kg	690	37.	1
1,4-Dioxane	ND		ug/kg	5500	2400	1
Freon-113	ND		ug/kg	280	48.	1
Methyl cyclohexane	130	J	ug/kg	280	42.	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-03 Date Collected: 10/28/21 10:40

Client ID: B-13 28-46" Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	95		70-130

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-05 Date Collected: 10/28/21 11:10
Client ID: B-14 3-4' Date Received: 10/28/21
Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/09/21 22:53
Analyst: NLK
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	280	130	1
1,1-Dichloroethane	54	J	ug/kg	56	8.2	1
Chloroform	ND		ug/kg	85	7.9	1
Carbon tetrachloride	ND		ug/kg	56	13.	1
1,2-Dichloropropane	ND		ug/kg	56	7.1	1
Dibromochloromethane	ND		ug/kg	56	7.9	1
1,1,2-Trichloroethane	ND		ug/kg	56	15.	1
Tetrachloroethene	160		ug/kg	28	11.	1
Chlorobenzene	ND		ug/kg	28	7.2	1
Trichlorofluoromethane	ND		ug/kg	230	39.	1
1,2-Dichloroethane	ND		ug/kg	56	14.	1
1,1,1-Trichloroethane	ND		ug/kg	28	9.4	1
Bromodichloromethane	ND		ug/kg	28	6.2	1
trans-1,3-Dichloropropene	ND		ug/kg	56	15.	1
cis-1,3-Dichloropropene	ND		ug/kg	28	8.9	1
1,3-Dichloropropene, Total	ND		ug/kg	28	8.9	1
Bromoform	ND		ug/kg	230	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	28	9.4	1
Benzene	ND		ug/kg	28	9.4	1
Toluene	ND		ug/kg	56	31.	1
Ethylbenzene	42	J	ug/kg	56	8.0	1
Chloromethane	ND		ug/kg	230	53.	1
Bromomethane	ND		ug/kg	110	33.	1
Vinyl chloride	ND		ug/kg	56	19.	1
Chloroethane	ND		ug/kg	110	26.	1
1,1-Dichloroethene	ND		ug/kg	56	13.	1
trans-1,2-Dichloroethene	ND		ug/kg	85	7.8	1
Trichloroethene	28		ug/kg	28	7.8	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-05 Date Collected: 10/28/21 11:10

Client ID: B-14 3-4' Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	20	J	ug/kg	110	8.1	1
1,3-Dichlorobenzene	ND		ug/kg	110	8.4	1
1,4-Dichlorobenzene	ND		ug/kg	110	9.7	1
Methyl tert butyl ether	ND		ug/kg	110	11.	1
p/m-Xylene	75	J	ug/kg	110	32.	1
o-Xylene	86		ug/kg	56	16.	1
Xylenes, Total	160	J	ug/kg	56	16.	1
cis-1,2-Dichloroethene	21	J	ug/kg	56	9.9	1
1,2-Dichloroethene, Total	21	J	ug/kg	56	7.8	1
Styrene	ND		ug/kg	56	11.	1
Dichlorodifluoromethane	ND		ug/kg	560	52.	1
Acetone	ND		ug/kg	560	270	1
Carbon disulfide	580		ug/kg	560	260	1
2-Butanone	ND		ug/kg	560	120	1
4-Methyl-2-pentanone	ND		ug/kg	560	72.	1
2-Hexanone	ND		ug/kg	560	67.	1
Bromochloromethane	ND		ug/kg	110	12.	1
1,2-Dibromoethane	ND		ug/kg	56	16.	1
n-Butylbenzene	4300		ug/kg	56	9.4	1
sec-Butylbenzene	1400		ug/kg	56	8.2	1
tert-Butylbenzene	130		ug/kg	110	6.7	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	170	56.	1
Isopropylbenzene	98		ug/kg	56	6.2	1
p-Isopropyltoluene	2200		ug/kg	56	6.2	1
Naphthalene	12000		ug/kg	230	37.	1
n-Propylbenzene	270		ug/kg	56	9.7	1
1,2,3-Trichlorobenzene	ND		ug/kg	110	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	110	15.	1
1,3,5-Trimethylbenzene	650		ug/kg	110	11.	1
1,2,4-Trimethylbenzene	1600		ug/kg	110	19.	1
Methyl Acetate	200	J	ug/kg	230	54.	1
Cyclohexane	ND		ug/kg	560	31.	1
1,4-Dioxane	ND		ug/kg	4500	2000	1
Freon-113	ND		ug/kg	230	39.	1
Methyl cyclohexane	82	J	ug/kg	230	34.	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-05 Date Collected: 10/28/21 11:10

Client ID: B-14 3-4' Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	**144**	Q	70-130
Dibromofluoromethane	94		70-130

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-06 Date Collected: 10/28/21 11:15
Client ID: B-16 28-32' Date Received: 10/28/21
Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/09/21 23:18
Analyst: NLK
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	290	130	1
1,1-Dichloroethane	ND		ug/kg	58	8.4	1
Chloroform	9.3	J	ug/kg	87	8.1	1
Carbon tetrachloride	ND		ug/kg	58	13.	1
1,2-Dichloropropane	ND		ug/kg	58	7.2	1
Dibromochloromethane	ND		ug/kg	58	8.1	1
1,1,2-Trichloroethane	ND		ug/kg	58	16.	1
Tetrachloroethene	ND		ug/kg	29	11.	1
Chlorobenzene	ND		ug/kg	29	7.4	1
Trichlorofluoromethane	ND		ug/kg	230	40.	1
1,2-Dichloroethane	ND		ug/kg	58	15.	1
1,1,1-Trichloroethane	ND		ug/kg	29	9.7	1
Bromodichloromethane	ND		ug/kg	29	6.3	1
trans-1,3-Dichloropropene	ND		ug/kg	58	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	29	9.2	1
1,3-Dichloropropene, Total	ND		ug/kg	29	9.2	1
Bromoform	ND		ug/kg	230	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	29	9.6	1
Benzene	ND		ug/kg	29	9.6	1
Toluene	ND		ug/kg	58	32.	1
Ethylbenzene	11	J	ug/kg	58	8.2	1
Chloromethane	ND		ug/kg	230	54.	1
Bromomethane	ND		ug/kg	120	34.	1
Vinyl chloride	ND		ug/kg	58	19.	1
Chloroethane	ND		ug/kg	120	26.	1
1,1-Dichloroethene	ND		ug/kg	58	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	87	8.0	1
Trichloroethene	ND		ug/kg	29	8.0	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-06 Date Collected: 10/28/21 11:15

Client ID: B-16 28-32' Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	120	8.4	1
1,3-Dichlorobenzene	ND		ug/kg	120	8.6	1
1,4-Dichlorobenzene	ND		ug/kg	120	9.9	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	ND		ug/kg	120	32.	1
o-Xylene	ND		ug/kg	58	17.	1
Xylenes, Total	ND		ug/kg	58	17.	1
cis-1,2-Dichloroethene	ND		ug/kg	58	10.	1
1,2-Dichloroethene, Total	ND		ug/kg	58	8.0	1
Styrene	ND		ug/kg	58	11.	1
Dichlorodifluoromethane	ND		ug/kg	580	53.	1
Acetone	ND		ug/kg	580	280	1
Carbon disulfide	ND		ug/kg	580	260	1
2-Butanone	ND		ug/kg	580	130	1
4-Methyl-2-pentanone	ND		ug/kg	580	74.	1
2-Hexanone	ND		ug/kg	580	68.	1
Bromochloromethane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	58	16.	1
n-Butylbenzene	610		ug/kg	58	9.7	1
sec-Butylbenzene	350		ug/kg	58	8.5	1
tert-Butylbenzene	56	J	ug/kg	120	6.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	170	58.	1
Isopropylbenzene	52	J	ug/kg	58	6.3	1
p-Isopropyltoluene	170		ug/kg	58	6.3	1
Naphthalene	1500		ug/kg	230	38.	1
n-Propylbenzene	76		ug/kg	58	9.9	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	16.	1
1,3,5-Trimethylbenzene	28	J	ug/kg	120	11.	1
1,2,4-Trimethylbenzene	120		ug/kg	120	19.	1
Methyl Acetate	ND		ug/kg	230	55.	1
Cyclohexane	130	J	ug/kg	580	32.	1
1,4-Dioxane	ND		ug/kg	4600	2000	1
Freon-113	ND		ug/kg	230	40.	1
Methyl cyclohexane	850		ug/kg	230	35.	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-06 Date Collected: 10/28/21 11:15

Client ID: B-16 28-32' Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						

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

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-06
Client ID: B-16 28-32'
Sample Location: 26 CLEARENCE AVENUE

Date Collected: 10/28/21 11:15
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/10/21 20:43
Analyst: AJK
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	5.3		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	1.2		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	1.9		ug/kg	0.60	0.20	1
Toluene	3.0		ug/kg	1.2	0.66	1
Ethylbenzene	10		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	0.48	J	ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	0.26	J	ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.60	0.16	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-06 Date Collected: 10/28/21 11:15

Client ID: B-16 28-32' Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	2.0	J	ug/kg	2.4	0.68	1
o-Xylene	9.9		ug/kg	1.2	0.35	1
Xylenes, Total	12	J	ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	3.1		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	3.4	J	ug/kg	1.2	0.16	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	98		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
n-Butylbenzene	160		ug/kg	1.2	0.20	1
sec-Butylbenzene	200		ug/kg	1.2	0.18	1
tert-Butylbenzene	43		ug/kg	2.4	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	89		ug/kg	1.2	0.13	1
p-Isopropyltoluene	60		ug/kg	1.2	0.13	1
Naphthalene	58		ug/kg	4.8	0.78	1
n-Propylbenzene	110		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	18		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	59		ug/kg	2.4	0.40	1
Methyl Acetate	ND		ug/kg	4.8	1.1	1
Cyclohexane	83		ug/kg	12	0.66	1
1,4-Dioxane	ND		ug/kg	97	42.	1
Freon-113	ND		ug/kg	4.8	0.84	1
Methyl cyclohexane	430	E	ug/kg	4.8	0.73	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-06 Date Collected: 10/28/21 11:15

Client ID: B-16 28-32' Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	130		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	**506**	Q	70-130
Dibromofluoromethane	88		70-130

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01
Lab Number: L2159354
Report Date: 11/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/09/21 16:04
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05-06 Batch: WG1569507-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	7.5	J	ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	31	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/09/21 16:04
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05-06 Batch: WG1569507-5					
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01
Lab Number: L2159354
Report Date: 11/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/09/21 16:04
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03,05-06 Batch: WG1569507-5					
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	96		70-130

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/10/21 11:29
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1569844-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01
Lab Number: L2159354
Report Date: 11/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/10/21 11:29
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1569844-5					
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01
Lab Number: L2159354
Report Date: 11/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/10/21 11:29
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 06 Batch: WG1569844-5					
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	96		70-130

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/10/21 23:06
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1569904-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/10/21 23:06
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1569904-5					
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Styrene	0.69	J	ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	2.8	J	ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01
Lab Number: L2159354
Report Date: 11/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/10/21 23:06
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1569904-5					
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLEARENCE AVE, BUFFALO, NY

Project Number: 3162-01

Lab Number: L2159354

Report Date: 11/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05-06 Batch: WG1569507-3 WG1569507-4								
Methylene chloride	102		102		70-130	0		30
1,1-Dichloroethane	106		106		70-130	0		30
Chloroform	108		108		70-130	0		30
Carbon tetrachloride	122		120		70-130	2		30
1,2-Dichloropropane	105		104		70-130	1		30
Dibromochloromethane	101		104		70-130	3		30
1,1,2-Trichloroethane	104		106		70-130	2		30
Tetrachloroethene	122		118		70-130	3		30
Chlorobenzene	111		109		70-130	2		30
Trichlorofluoromethane	113		109		70-139	4		30
1,2-Dichloroethane	103		104		70-130	1		30
1,1,1-Trichloroethane	124		121		70-130	2		30
Bromodichloromethane	116		116		70-130	0		30
trans-1,3-Dichloropropene	105		107		70-130	2		30
cis-1,3-Dichloropropene	115		115		70-130	0		30
Bromoform	112		117		70-130	4		30
1,1,2,2-Tetrachloroethane	103		106		70-130	3		30
Benzene	112		110		70-130	2		30
Toluene	105		103		70-130	2		30
Ethylbenzene	104		102		70-130	2		30
Chloromethane	118		114		52-130	3		30
Bromomethane	109		106		57-147	3		30
Vinyl chloride	113		110		67-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLEARENCE AVE, BUFFALO, NY

Project Number: 3162-01

Lab Number: L2159354

Report Date: 11/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05-06 Batch: WG1569507-3 WG1569507-4								
Chloroethane	115		110		50-151	4		30
1,1-Dichloroethene	116		115		65-135	1		30
trans-1,2-Dichloroethene	112		113		70-130	1		30
Trichloroethene	120		119		70-130	1		30
1,2-Dichlorobenzene	106		106		70-130	0		30
1,3-Dichlorobenzene	109		107		70-130	2		30
1,4-Dichlorobenzene	107		105		70-130	2		30
Methyl tert butyl ether	98		103		66-130	5		30
p/m-Xylene	113		111		70-130	2		30
o-Xylene	111		110		70-130	1		30
cis-1,2-Dichloroethene	112		112		70-130	0		30
Styrene	108		107		70-130	1		30
Dichlorodifluoromethane	116		113		30-146	3		30
Acetone	72		61		54-140	17		30
Carbon disulfide	103		101		59-130	2		30
2-Butanone	94		89		70-130	5		30
4-Methyl-2-pentanone	92		97		70-130	5		30
2-Hexanone	80		83		70-130	4		30
Bromochloromethane	118		120		70-130	2		30
1,2-Dibromoethane	117		120		70-130	3		30
n-Butylbenzene	110		108		70-130	2		30
sec-Butylbenzene	112		110		70-130	2		30
tert-Butylbenzene	110		108		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLEARENCE AVE, BUFFALO, NY

Project Number: 3162-01

Lab Number: L2159354

Report Date: 11/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03,05-06 Batch: WG1569507-3 WG1569507-4								
1,2-Dibromo-3-chloropropane	116		121		68-130	4		30
Isopropylbenzene	109		107		70-130	2		30
p-Isopropyltoluene	114		111		70-130	3		30
Naphthalene	108		112		70-130	4		30
n-Propylbenzene	106		103		70-130	3		30
1,2,3-Trichlorobenzene	109		109		70-130	0		30
1,2,4-Trichlorobenzene	110		109		70-130	1		30
1,3,5-Trimethylbenzene	107		105		70-130	2		30
1,2,4-Trimethylbenzene	107		105		70-130	2		30
Methyl Acetate	105		112		51-146	6		30
Cyclohexane	114		112		59-142	2		30
1,4-Dioxane	126		121		65-136	4		30
Freon-113	123		121		50-139	2		30
Methyl cyclohexane	116		113		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		95		70-130
Toluene-d8	93		92		70-130
4-Bromofluorobenzene	92		92		70-130
Dibromofluoromethane	100		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLEARENCE AVE, BUFFALO, NY

Project Number: 3162-01

Lab Number: L2159354

Report Date: 11/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1569844-3 WG1569844-4								
Methylene chloride	85		82		70-130	4		30
1,1-Dichloroethane	104		101		70-130	3		30
Chloroform	103		100		70-130	3		30
Carbon tetrachloride	105		103		70-130	2		30
1,2-Dichloropropane	100		98		70-130	2		30
Dibromochloromethane	101		100		70-130	1		30
1,1,2-Trichloroethane	101		98		70-130	3		30
Tetrachloroethene	104		101		70-130	3		30
Chlorobenzene	103		100		70-130	3		30
Trichlorofluoromethane	108		104		70-139	4		30
1,2-Dichloroethane	110		104		70-130	6		30
1,1,1-Trichloroethane	110		107		70-130	3		30
Bromodichloromethane	104		103		70-130	1		30
trans-1,3-Dichloropropene	104		102		70-130	2		30
cis-1,3-Dichloropropene	103		101		70-130	2		30
Bromoform	92		89		70-130	3		30
1,1,2,2-Tetrachloroethane	102		98		70-130	4		30
Benzene	103		100		70-130	3		30
Toluene	103		101		70-130	2		30
Ethylbenzene	111		108		70-130	3		30
Chloromethane	95		92		52-130	3		30
Bromomethane	94		93		57-147	1		30
Vinyl chloride	100		96		67-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLEARENCE AVE, BUFFALO, NY

Project Number: 3162-01

Lab Number: L2159354

Report Date: 11/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1569844-3 WG1569844-4								
Chloroethane	97		93		50-151	4		30
1,1-Dichloroethene	98		94		65-135	4		30
trans-1,2-Dichloroethene	99		95		70-130	4		30
Trichloroethene	103		99		70-130	4		30
1,2-Dichlorobenzene	101		98		70-130	3		30
1,3-Dichlorobenzene	104		100		70-130	4		30
1,4-Dichlorobenzene	103		99		70-130	4		30
Methyl tert butyl ether	102		98		66-130	4		30
p/m-Xylene	108		105		70-130	3		30
o-Xylene	108		106		70-130	2		30
cis-1,2-Dichloroethene	96		94		70-130	2		30
Styrene	112		108		70-130	4		30
Dichlorodifluoromethane	110		105		30-146	5		30
Acetone	106		95		54-140	11		30
Carbon disulfide	80		78		59-130	3		30
2-Butanone	94		90		70-130	4		30
4-Methyl-2-pentanone	103		96		70-130	7		30
2-Hexanone	109		105		70-130	4		30
Bromochloromethane	95		90		70-130	5		30
1,2-Dibromoethane	99		96		70-130	3		30
n-Butylbenzene	116		112		70-130	4		30
sec-Butylbenzene	111		108		70-130	3		30
tert-Butylbenzene	108		105		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01
Lab Number: L2159354
Report Date: 11/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 06 Batch: WG1569844-3 WG1569844-4								
1,2-Dibromo-3-chloropropane	90		87		68-130	3		30
Isopropylbenzene	109		105		70-130	4		30
p-Isopropyltoluene	111		108		70-130	3		30
Naphthalene	104		100		70-130	4		30
n-Propylbenzene	113		109		70-130	4		30
1,2,3-Trichlorobenzene	104		101		70-130	3		30
1,2,4-Trichlorobenzene	108		104		70-130	4		30
1,3,5-Trimethylbenzene	110		106		70-130	4		30
1,2,4-Trimethylbenzene	108		105		70-130	3		30
Methyl Acetate	99		95		51-146	4		30
Cyclohexane	103		101		59-142	2		30
1,4-Dioxane	100		93		65-136	7		30
Freon-113	100		95		50-139	5		30
Methyl cyclohexane	95		93		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		105		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	94		94		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLEARENCE AVE, BUFFALO, NY

Project Number: 3162-01

Lab Number: L2159354

Report Date: 11/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1569904-3 WG1569904-4								
Methylene chloride	86		88		70-130	2		30
1,1-Dichloroethane	90		91		70-130	1		30
Chloroform	92		92		70-130	0		30
Carbon tetrachloride	99		100		70-130	1		30
1,2-Dichloropropane	95		96		70-130	1		30
Dibromochloromethane	96		99		70-130	3		30
1,1,2-Trichloroethane	98		101		70-130	3		30
Tetrachloroethene	99		97		70-130	2		30
Chlorobenzene	104		105		70-130	1		30
Trichlorofluoromethane	83		74		70-139	11		30
1,2-Dichloroethane	89		90		70-130	1		30
1,1,1-Trichloroethane	99		99		70-130	0		30
Bromodichloromethane	103		101		70-130	2		30
trans-1,3-Dichloropropene	104		107		70-130	3		30
cis-1,3-Dichloropropene	101		101		70-130	0		30
Bromoform	95		103		70-130	8		30
1,1,2,2-Tetrachloroethane	103		108		70-130	5		30
Benzene	97		97		70-130	0		30
Toluene	99		101		70-130	2		30
Ethylbenzene	102		102		70-130	0		30
Chloromethane	80		84		52-130	5		30
Bromomethane	97		96		57-147	1		30
Vinyl chloride	82		85		67-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLEARENCE AVE, BUFFALO, NY

Project Number: 3162-01

Lab Number: L2159354

Report Date: 11/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1569904-3 WG1569904-4								
Chloroethane	88		89		50-151	1		30
1,1-Dichloroethene	91		92		65-135	1		30
trans-1,2-Dichloroethene	92		94		70-130	2		30
Trichloroethene	98		99		70-130	1		30
1,2-Dichlorobenzene	100		106		70-130	6		30
1,3-Dichlorobenzene	102		105		70-130	3		30
1,4-Dichlorobenzene	100		104		70-130	4		30
Methyl tert butyl ether	85		90		66-130	6		30
p/m-Xylene	107		105		70-130	2		30
o-Xylene	107		106		70-130	1		30
cis-1,2-Dichloroethene	96		96		70-130	0		30
Styrene	96		96		70-130	0		30
Dichlorodifluoromethane	73		76		30-146	4		30
Acetone	95		97		54-140	2		30
Carbon disulfide	80		83		59-130	4		30
2-Butanone	88		94		70-130	7		30
4-Methyl-2-pentanone	96		97		70-130	1		30
2-Hexanone	92		97		70-130	5		30
Bromochloromethane	96		98		70-130	2		30
1,2-Dibromoethane	104		106		70-130	2		30
n-Butylbenzene	108		112		70-130	4		30
sec-Butylbenzene	110		111		70-130	1		30
tert-Butylbenzene	106		108		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01
Lab Number: L2159354
Report Date: 11/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1569904-3 WG1569904-4								
1,2-Dibromo-3-chloropropane	104		110		68-130	6		30
Isopropylbenzene	103		107		70-130	4		30
p-Isopropyltoluene	108		111		70-130	3		30
Naphthalene	102		108		70-130	6		30
n-Propylbenzene	105		107		70-130	2		30
1,2,3-Trichlorobenzene	96		100		70-130	4		30
1,2,4-Trichlorobenzene	95		101		70-130	6		30
1,3,5-Trimethylbenzene	103		107		70-130	4		30
1,2,4-Trimethylbenzene	102		106		70-130	4		30
Methyl Acetate	81		87		51-146	7		30
Cyclohexane	90		91		59-142	1		30
1,4-Dioxane	96		101		65-136	5		30
Freon-113	94		95		50-139	1		30
Methyl cyclohexane	97		95		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		94		70-130
Toluene-d8	103		105		70-130
4-Bromofluorobenzene	107		101		70-130
Dibromofluoromethane	99		99		70-130

SEMIVOLATILES

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Lab Number: L2159354
Project Number: 3162-01
Report Date: 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-01
Client ID: B-11 24-28"
Sample Location: 26 CLEARENCE AVENUE
Date Collected: 10/28/21 09:25
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/11/21 05:58
Analyst: SZ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 11/09/21 08:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	170		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	180		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	320		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-01 Date Collected: 10/28/21 09:25

Client ID: B-11 24-28" Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	68	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	54	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	64	J	ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	120		ug/kg	110	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	400		ug/kg	180	17.	1
Phenanthrene	720		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	180		ug/kg	110	18.	1
Biphenyl	250	J	ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	200		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-01 Date Collected: 10/28/21 09:25

Client ID: B-11 24-28" Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	72		18-120

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Lab Number: L2159354
Project Number: 3162-01
Report Date: 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-02
Client ID: B-12 1-5'
Sample Location: 26 CLEARENCE AVENUE
Date Collected: 10/28/21 09:40
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/11/21 07:08
Analyst: SZ
Percent Solids: 84%
Extraction Method: EPA 3546
Extraction Date: 11/09/21 08:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	33.	1
Fluoranthene	84	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	54	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	67.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-02 Date Collected: 10/28/21 09:40

Client ID: B-12 1-5' Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	41	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	49	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	44	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	76	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	67	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	200	35.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	18.	1
2-Methylnaphthalene	56	J	ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	200	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	29.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-02 Date Collected: 10/28/21 09:40

Client ID: B-12 1-5' Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	59		18-120

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Lab Number: L2159354
Project Number: 3162-01
Report Date: 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-03
Client ID: B-13 28-46"
Sample Location: 26 CLEARENCE AVENUE
Date Collected: 10/28/21 10:40
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/11/21 07:32
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 11/09/21 08:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	150		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	28	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	190		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-03 Date Collected: 10/28/21 10:40

Client ID: B-13 28-46" Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	70	J	ug/kg	110	21.	1
Benzo(a)pyrene	62	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	89	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	40	J	ug/kg	110	30.	1
Chrysene	76	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	43	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	97	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	49	J	ug/kg	150	26.	1
Pyrene	120		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	28	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	48	J	ug/kg	270	30.	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-03 Date Collected: 10/28/21 10:40

Client ID: B-13 28-46" Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	50		18-120

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-04
Client ID: B-14 2-3'
Sample Location: 26 CLEARENCE AVENUE

Date Collected: 10/28/21 11:10
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/11/21 08:19
Analyst: SZ
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 11/09/21 08:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	100	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	220		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	1600		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	520		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-04 Date Collected: 10/28/21 11:10

Client ID: B-14 2-3' Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	150		ug/kg	110	21.	1
Benzo(a)pyrene	260		ug/kg	150	45.	1
Benzo(b)fluoranthene	340		ug/kg	110	31.	1
Benzo(k)fluoranthene	120		ug/kg	110	30.	1
Chrysene	220		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	48	J	ug/kg	110	36.	1
Benzo(ghi)perylene	280		ug/kg	150	22.	1
Fluorene	140	J	ug/kg	180	18.	1
Phenanthrene	460		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	59	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	290		ug/kg	150	26.	1
Pyrene	250		ug/kg	110	18.	1
Biphenyl	71	J	ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	85	J	ug/kg	180	17.	1
2-Methylnaphthalene	1300		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-04 Date Collected: 10/28/21 11:10

Client ID: B-14 2-3' Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	89		18-120

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-05
Client ID: B-14 3-4'
Sample Location: 26 CLEARENCE AVENUE

Date Collected: 10/28/21 11:10
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/11/21 08:43
Analyst: SZ
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 11/09/21 08:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	450		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	270		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	1700		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	130	J	ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-05 Date Collected: 10/28/21 11:10

Client ID: B-14 3-4' Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	130		ug/kg	120	22.	1
Benzo(a)pyrene	100	J	ug/kg	160	48.	1
Benzo(b)fluoranthene	160		ug/kg	120	33.	1
Benzo(k)fluoranthene	47	J	ug/kg	120	31.	1
Chrysene	190		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	280		ug/kg	120	38.	1
Benzo(ghi)perylene	74	J	ug/kg	160	23.	1
Fluorene	910		ug/kg	200	19.	1
Phenanthrene	1900		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	75	J	ug/kg	160	27.	1
Pyrene	390		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	460		ug/kg	200	19.	1
2-Methylnaphthalene	8600	E	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-05 Date Collected: 10/28/21 11:10

Client ID: B-14 3-4' Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	78		18-120

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Lab Number: L2159354
Project Number: 3162-01
Report Date: 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-05 D
Client ID: B-14 3-4'
Sample Location: 26 CLEARENCE AVENUE

Date Collected: 10/28/21 11:10
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/11/21 11:27
Analyst: SZ
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 11/09/21 08:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Methylnaphthalene	8200		ug/kg	1200	120	5

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Lab Number: L2159354
Project Number: 3162-01
Report Date: 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-06
Client ID: B-16 28-32'
Sample Location: 26 CLEARENCE AVENUE
Date Collected: 10/28/21 11:15
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/11/21 03:37
Analyst: SZ
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 11/09/21 08:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	610		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	180		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	690		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	120	J	ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-06 Date Collected: 10/28/21 11:15

Client ID: B-16 28-32' Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	56	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	56	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	480		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	1300		ug/kg	200	19.	1
Phenanthrene	2400		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	330		ug/kg	120	20.	1
Biphenyl	300	J	ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	670		ug/kg	200	19.	1
2-Methylnaphthalene	4200		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-06 Date Collected: 10/28/21 11:15

Client ID: B-16 28-32' Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	69		18-120

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01
Lab Number: L2159354
Report Date: 11/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/09/21 23:22
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 11/09/21 08:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1568843-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01
Lab Number: L2159354
Report Date: 11/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/09/21 23:22
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 11/09/21 08:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1568843-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01
Lab Number: L2159354
Report Date: 11/11/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/09/21 23:22
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 11/09/21 08:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1568843-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	82		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLEARENCE AVE, BUFFALO, NY

Project Number: 3162-01

Lab Number: L2159354

Report Date: 11/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1568843-2 WG1568843-3								
Acenaphthene	74		70		31-137	6		50
1,2,4-Trichlorobenzene	81		73		38-107	10		50
Hexachlorobenzene	86		81		40-140	6		50
Bis(2-chloroethyl)ether	65		65		40-140	0		50
2-Chloronaphthalene	76		75		40-140	1		50
1,2-Dichlorobenzene	71		70		40-140	1		50
1,3-Dichlorobenzene	71		70		40-140	1		50
1,4-Dichlorobenzene	72		70		28-104	3		50
3,3'-Dichlorobenzidine	62		61		40-140	2		50
2,4-Dinitrotoluene	80		75		40-132	6		50
2,6-Dinitrotoluene	81		72		40-140	12		50
Fluoranthene	74		73		40-140	1		50
4-Chlorophenyl phenyl ether	79		76		40-140	4		50
4-Bromophenyl phenyl ether	82		79		40-140	4		50
Bis(2-chloroisopropyl)ether	49		46		40-140	6		50
Bis(2-chloroethoxy)methane	70		64		40-117	9		50
Hexachlorobutadiene	78		76		40-140	3		50
Hexachlorocyclopentadiene	68		64		40-140	6		50
Hexachloroethane	70		65		40-140	7		50
Isophorone	71		66		40-140	7		50
Naphthalene	74		72		40-140	3		50
Nitrobenzene	68		62		40-140	9		50
NDPA/DPA	76		73		36-157	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLEARENCE AVE, BUFFALO, NY

Project Number: 3162-01

Lab Number: L2159354

Report Date: 11/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1568843-2 WG1568843-3								
n-Nitrosodi-n-propylamine	67		63		32-121	6		50
Bis(2-ethylhexyl)phthalate	70		67		40-140	4		50
Butyl benzyl phthalate	72		70		40-140	3		50
Di-n-butylphthalate	73		71		40-140	3		50
Di-n-octylphthalate	73		68		40-140	7		50
Diethyl phthalate	73		68		40-140	7		50
Dimethyl phthalate	78		71		40-140	9		50
Benzo(a)anthracene	70		68		40-140	3		50
Benzo(a)pyrene	77		72		40-140	7		50
Benzo(b)fluoranthene	74		76		40-140	3		50
Benzo(k)fluoranthene	77		72		40-140	7		50
Chrysene	72		71		40-140	1		50
Acenaphthylene	79		72		40-140	9		50
Anthracene	75		73		40-140	3		50
Benzo(ghi)perylene	82		79		40-140	4		50
Fluorene	74		69		40-140	7		50
Phenanthrene	73		70		40-140	4		50
Dibenzo(a,h)anthracene	81		81		40-140	0		50
Indeno(1,2,3-cd)pyrene	82		79		40-140	4		50
Pyrene	74		73		35-142	1		50
Biphenyl	78		75		37-127	4		50
4-Chloroaniline	57		57		40-140	0		50
2-Nitroaniline	79		75		47-134	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01

Lab Number: L2159354
Report Date: 11/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1568843-2 WG1568843-3								
3-Nitroaniline	67		65		26-129	3		50
4-Nitroaniline	75		74		41-125	1		50
Dibenzofuran	74		71		40-140	4		50
2-Methylnaphthalene	76		73		40-140	4		50
1,2,4,5-Tetrachlorobenzene	80		75		40-117	6		50
Acetophenone	78		72		14-144	8		50
2,4,6-Trichlorophenol	82		78		30-130	5		50
p-Chloro-m-cresol	76		73		26-103	4		50
2-Chlorophenol	76		74		25-102	3		50
2,4-Dichlorophenol	86		79		30-130	8		50
2,4-Dimethylphenol	79		73		30-130	8		50
2-Nitrophenol	84		76		30-130	10		50
4-Nitrophenol	74		72		11-114	3		50
2,4-Dinitrophenol	44		44		4-130	0		50
4,6-Dinitro-o-cresol	77		74		10-130	4		50
Pentachlorophenol	82		76		17-109	8		50
Phenol	70		69		26-90	1		50
2-Methylphenol	79		73		30-130.	8		50
3-Methylphenol/4-Methylphenol	85		78		30-130	9		50
2,4,5-Trichlorophenol	83		82		30-130	1		50
Benzoic Acid	**4**	Q	**5**	Q	10-110	7		50
Benzyl Alcohol	69		69		40-140	0		50
Carbazole	74		71		54-128	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLEARENCE AVE, BUFFALO, NY

Project Number: 3162-01

Lab Number: L2159354

Report Date: 11/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1568843-2 WG1568843-3								
1,4-Dioxane	46		44		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	78		74		25-120
Phenol-d6	80		78		10-120
Nitrobenzene-d5	74		67		23-120
2-Fluorobiphenyl	79		78		30-120
2,4,6-Tribromophenol	97		92		10-136
4-Terphenyl-d14	83		81		18-120

METALS

Project Name: 26 CLEARENCE AVE, BUFFALO, NY **Lab Number:** L2159354

Project Number: 3162-01 **Report Date:** 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-01 Date Collected: 10/28/21 09:25

Client ID: B-11 24-28" Date Received: 10/28/21

Sample Location: 26 CLEARENCE AVENUE Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.65		mg/kg	0.424	0.088	1	11/03/21 05:45	11/10/21 13:37	EPA 3050B	1,6010D	GD
Barium, Total	29.0		mg/kg	0.424	0.074	1	11/03/21 05:45	11/10/21 13:37	EPA 3050B	1,6010D	GD
Beryllium, Total	0.174	J	mg/kg	0.212	0.014	1	11/03/21 05:45	11/10/21 13:37	EPA 3050B	1,6010D	GD
Cadmium, Total	0.114	J	mg/kg	0.424	0.042	1	11/03/21 05:45	11/10/21 13:37	EPA 3050B	1,6010D	GD
Chromium, Total	6.16		mg/kg	0.424	0.041	1	11/03/21 05:45	11/10/21 13:37	EPA 3050B	1,6010D	GD
Copper, Total	7.87		mg/kg	0.424	0.109	1	11/03/21 05:45	11/10/21 13:37	EPA 3050B	1,6010D	GD
Lead, Total	7.24		mg/kg	2.12	0.114	1	11/03/21 05:45	11/10/21 13:37	EPA 3050B	1,6010D	GD
Manganese, Total	317		mg/kg	0.424	0.067	1	11/03/21 05:45	11/10/21 13:37	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.069	0.045	1	11/03/21 09:30	11/04/21 17:36	EPA 7471B	1,7471B	NB
Nickel, Total	7.46		mg/kg	1.06	0.102	1	11/03/21 05:45	11/10/21 13:37	EPA 3050B	1,6010D	GD
Selenium, Total	0.797	J	mg/kg	0.847	0.109	1	11/03/21 05:45	11/10/21 13:37	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.424	0.120	1	11/03/21 05:45	11/10/21 13:37	EPA 3050B	1,6010D	GD
Zinc, Total	37.8		mg/kg	2.12	0.124	1	11/03/21 05:45	11/10/21 13:37	EPA 3050B	1,6010D	GD

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Lab Number: L2159354
Project Number: 3162-01
Report Date: 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-02
Client ID: B-12 1-5'
Sample Location: 26 CLEARENCE AVENUE
Date Collected: 10/28/21 09:40
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.85		mg/kg	0.453	0.094	1	11/03/21 05:45	11/10/21 14:28	EPA 3050B	1,6010D	GD
Barium, Total	67.8		mg/kg	0.453	0.079	1	11/03/21 05:45	11/10/21 14:28	EPA 3050B	1,6010D	GD
Beryllium, Total	0.608		mg/kg	0.227	0.015	1	11/03/21 05:45	11/10/21 14:28	EPA 3050B	1,6010D	GD
Cadmium, Total	0.263	J	mg/kg	0.453	0.044	1	11/03/21 05:45	11/10/21 14:28	EPA 3050B	1,6010D	GD
Chromium, Total	12.5		mg/kg	0.453	0.044	1	11/03/21 05:45	11/10/21 14:28	EPA 3050B	1,6010D	GD
Copper, Total	24.2		mg/kg	0.453	0.117	1	11/03/21 05:45	11/10/21 14:28	EPA 3050B	1,6010D	GD
Lead, Total	44.8		mg/kg	2.27	0.122	1	11/03/21 05:45	11/10/21 14:28	EPA 3050B	1,6010D	GD
Manganese, Total	182		mg/kg	0.453	0.072	1	11/03/21 05:45	11/10/21 14:28	EPA 3050B	1,6010D	GD
Mercury, Total	0.070	J	mg/kg	0.076	0.049	1	11/03/21 09:30	11/04/21 17:40	EPA 7471B	1,7471B	NB
Nickel, Total	14.4		mg/kg	1.13	0.110	1	11/03/21 05:45	11/10/21 14:28	EPA 3050B	1,6010D	GD
Selenium, Total	0.789	J	mg/kg	0.907	0.117	1	11/03/21 05:45	11/10/21 14:28	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.453	0.128	1	11/03/21 05:45	11/10/21 14:28	EPA 3050B	1,6010D	GD
Zinc, Total	57.4		mg/kg	2.27	0.133	1	11/03/21 05:45	11/10/21 14:28	EPA 3050B	1,6010D	GD

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Lab Number: L2159354
Project Number: 3162-01
Report Date: 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-03
Client ID: B-13 28-46"
Sample Location: 26 CLEARENCE AVENUE
Date Collected: 10/28/21 10:40
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.49		mg/kg	0.456	0.095	1	11/03/21 05:45	11/10/21 14:34	EPA 3050B	1,6010D	GD
Barium, Total	86.3		mg/kg	0.456	0.079	1	11/03/21 05:45	11/10/21 14:34	EPA 3050B	1,6010D	GD
Beryllium, Total	0.525		mg/kg	0.228	0.015	1	11/03/21 05:45	11/10/21 14:34	EPA 3050B	1,6010D	GD
Cadmium, Total	0.301	J	mg/kg	0.456	0.045	1	11/03/21 05:45	11/10/21 14:34	EPA 3050B	1,6010D	GD
Chromium, Total	11.0		mg/kg	0.456	0.044	1	11/03/21 05:45	11/10/21 14:34	EPA 3050B	1,6010D	GD
Copper, Total	36.8		mg/kg	0.456	0.118	1	11/03/21 05:45	11/10/21 14:34	EPA 3050B	1,6010D	GD
Lead, Total	57.3		mg/kg	2.28	0.122	1	11/03/21 05:45	11/10/21 14:34	EPA 3050B	1,6010D	GD
Manganese, Total	233		mg/kg	0.456	0.073	1	11/03/21 05:45	11/10/21 14:34	EPA 3050B	1,6010D	GD
Mercury, Total	0.088		mg/kg	0.073	0.048	1	11/03/21 09:30	11/04/21 17:43	EPA 7471B	1,7471B	NB
Nickel, Total	14.9		mg/kg	1.14	0.110	1	11/03/21 05:45	11/10/21 14:34	EPA 3050B	1,6010D	GD
Selenium, Total	0.958		mg/kg	0.913	0.118	1	11/03/21 05:45	11/10/21 14:34	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.456	0.129	1	11/03/21 05:45	11/10/21 14:34	EPA 3050B	1,6010D	GD
Zinc, Total	80.5		mg/kg	2.28	0.134	1	11/03/21 05:45	11/10/21 14:34	EPA 3050B	1,6010D	GD

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Lab Number: L2159354
Project Number: 3162-01
Report Date: 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-04
Client ID: B-14 2-3'
Sample Location: 26 CLEARENCE AVENUE
Date Collected: 10/28/21 11:10
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.31		mg/kg	0.423	0.088	1	11/03/21 05:45	11/10/21 14:39	EPA 3050B	1,6010D	GD
Barium, Total	31.7		mg/kg	0.423	0.074	1	11/03/21 05:45	11/10/21 14:39	EPA 3050B	1,6010D	GD
Beryllium, Total	2.32		mg/kg	0.211	0.014	1	11/03/21 05:45	11/10/21 14:39	EPA 3050B	1,6010D	GD
Cadmium, Total	0.203	J	mg/kg	0.423	0.041	1	11/03/21 05:45	11/10/21 14:39	EPA 3050B	1,6010D	GD
Chromium, Total	159		mg/kg	0.423	0.041	1	11/03/21 05:45	11/10/21 14:39	EPA 3050B	1,6010D	GD
Copper, Total	224		mg/kg	0.423	0.109	1	11/03/21 05:45	11/10/21 14:39	EPA 3050B	1,6010D	GD
Lead, Total	69.0		mg/kg	2.11	0.113	1	11/03/21 05:45	11/10/21 14:39	EPA 3050B	1,6010D	GD
Manganese, Total	353		mg/kg	0.423	0.067	1	11/03/21 05:45	11/10/21 14:39	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.070	0.046	1	11/03/21 09:30	11/04/21 17:46	EPA 7471B	1,7471B	NB
Nickel, Total	132		mg/kg	1.06	0.102	1	11/03/21 05:45	11/10/21 14:39	EPA 3050B	1,6010D	GD
Selenium, Total	0.368	J	mg/kg	0.846	0.109	1	11/03/21 05:45	11/10/21 14:39	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.423	0.120	1	11/03/21 05:45	11/10/21 14:39	EPA 3050B	1,6010D	GD
Zinc, Total	32.9		mg/kg	2.11	0.124	1	11/03/21 05:45	11/10/21 14:39	EPA 3050B	1,6010D	GD

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Lab Number: L2159354
Project Number: 3162-01
Report Date: 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-05
Client ID: B-14 3-4'
Sample Location: 26 CLEARENCE AVENUE
Date Collected: 10/28/21 11:10
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	16.9		mg/kg	4.72	0.982	10	11/03/21 05:45	11/10/21 10:58	EPA 3050B	1,6010D	GD
Barium, Total	52.8		mg/kg	4.72	0.821	10	11/03/21 05:45	11/10/21 10:58	EPA 3050B	1,6010D	GD
Beryllium, Total	0.472	J	mg/kg	2.36	0.156	10	11/03/21 05:45	11/10/21 10:58	EPA 3050B	1,6010D	GD
Cadmium, Total	ND		mg/kg	4.72	0.463	10	11/03/21 05:45	11/10/21 10:58	EPA 3050B	1,6010D	GD
Chromium, Total	8690		mg/kg	23.6	2.26	50	11/03/21 05:45	11/10/21 13:05	EPA 3050B	1,6010D	GD
Copper, Total	223		mg/kg	4.72	1.22	10	11/03/21 05:45	11/10/21 10:58	EPA 3050B	1,6010D	GD
Lead, Total	231		mg/kg	23.6	1.26	10	11/03/21 05:45	11/10/21 10:58	EPA 3050B	1,6010D	GD
Manganese, Total	1570		mg/kg	4.72	0.750	10	11/03/21 05:45	11/10/21 10:58	EPA 3050B	1,6010D	GD
Mercury, Total	0.280		mg/kg	0.075	0.049	1	11/03/21 09:30	11/04/21 17:56	EPA 7471B	1,7471B	NB
Nickel, Total	29400		mg/kg	59.0	5.71	50	11/03/21 05:45	11/10/21 13:05	EPA 3050B	1,6010D	GD
Selenium, Total	6.66	J	mg/kg	9.44	1.22	10	11/03/21 05:45	11/10/21 10:58	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	4.72	1.34	10	11/03/21 05:45	11/10/21 10:58	EPA 3050B	1,6010D	GD
Zinc, Total	53.6		mg/kg	23.6	1.38	10	11/03/21 05:45	11/10/21 10:58	EPA 3050B	1,6010D	GD

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Lab Number: L2159354
Project Number: 3162-01
Report Date: 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-06
Client ID: B-16 28-32'
Sample Location: 26 CLEARENCE AVENUE
Date Collected: 10/28/21 11:15
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.64		mg/kg	0.472	0.098	1	11/03/21 05:45	11/10/21 15:18	EPA 3050B	1,6010D	GD
Barium, Total	90.6		mg/kg	0.472	0.082	1	11/03/21 05:45	11/10/21 15:18	EPA 3050B	1,6010D	GD
Beryllium, Total	0.624		mg/kg	0.236	0.016	1	11/03/21 05:45	11/10/21 15:18	EPA 3050B	1,6010D	GD
Cadmium, Total	0.227	J	mg/kg	0.472	0.046	1	11/03/21 05:45	11/10/21 15:18	EPA 3050B	1,6010D	GD
Chromium, Total	16.1		mg/kg	0.472	0.045	1	11/03/21 05:45	11/10/21 15:18	EPA 3050B	1,6010D	GD
Copper, Total	19.3		mg/kg	0.472	0.122	1	11/03/21 05:45	11/10/21 15:18	EPA 3050B	1,6010D	GD
Lead, Total	10.9		mg/kg	2.36	0.126	1	11/03/21 05:45	11/10/21 15:18	EPA 3050B	1,6010D	GD
Manganese, Total	661		mg/kg	0.472	0.075	1	11/03/21 05:45	11/10/21 15:18	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.077	0.050	1	11/03/21 09:30	11/04/21 17:59	EPA 7471B	1,7471B	NB
Nickel, Total	21.1		mg/kg	1.18	0.114	1	11/03/21 05:45	11/10/21 15:18	EPA 3050B	1,6010D	GD
Selenium, Total	0.902	J	mg/kg	0.945	0.122	1	11/03/21 05:45	11/10/21 15:18	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.472	0.134	1	11/03/21 05:45	11/10/21 15:18	EPA 3050B	1,6010D	GD
Zinc, Total	53.1		mg/kg	2.36	0.138	1	11/03/21 05:45	11/10/21 15:18	EPA 3050B	1,6010D	GD

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01
Lab Number: L2159354
Report Date: 11/11/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1566193-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	11/03/21 05:45	11/10/21 10:48	1,6010D	GD
Barium, Total	0.088	J	mg/kg	0.400	0.070	1	11/03/21 05:45	11/10/21 10:48	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.200	0.013	1	11/03/21 05:45	11/10/21 10:48	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.400	0.039	1	11/03/21 05:45	11/10/21 10:48	1,6010D	GD
Chromium, Total	0.048	J	mg/kg	0.400	0.038	1	11/03/21 05:45	11/10/21 10:48	1,6010D	GD
Copper, Total	ND		mg/kg	0.400	0.103	1	11/03/21 05:45	11/10/21 10:48	1,6010D	GD
Lead, Total	ND		mg/kg	2.00	0.107	1	11/03/21 05:45	11/10/21 10:48	1,6010D	GD
Manganese, Total	0.064	J	mg/kg	0.400	0.064	1	11/03/21 05:45	11/10/21 10:48	1,6010D	GD
Nickel, Total	ND		mg/kg	1.00	0.097	1	11/03/21 05:45	11/10/21 10:48	1,6010D	GD
Selenium, Total	ND		mg/kg	0.800	0.103	1	11/03/21 05:45	11/10/21 10:48	1,6010D	GD
Silver, Total	ND		mg/kg	0.400	0.113	1	11/03/21 05:45	11/10/21 10:48	1,6010D	GD
Zinc, Total	ND		mg/kg	2.00	0.117	1	11/03/21 05:45	11/10/21 10:48	1,6010D	GD

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1566195-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	11/03/21 09:30	11/04/21 16:20	1,7471B	NB

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLEARENCE AVE, BUFFALO, NY

Project Number: 3162-01

Lab Number: L2159354

Report Date: 11/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1566193-2 SRM Lot Number: D109-540								
Arsenic, Total	97		-		70-130	-		
Barium, Total	91		-		75-125	-		
Beryllium, Total	99		-		75-125	-		
Cadmium, Total	104		-		75-125	-		
Chromium, Total	95		-		70-130	-		
Copper, Total	96		-		75-125	-		
Lead, Total	91		-		72-128	-		
Manganese, Total	92		-		74-126	-		
Nickel, Total	101		-		70-130	-		
Selenium, Total	100		-		68-132	-		
Silver, Total	95		-		68-131	-		
Zinc, Total	95		-		70-130	-		
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1566195-2 SRM Lot Number: D109-540								
Mercury, Total	82		-		60-140	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01
Lab Number: L2159354
Report Date: 11/11/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1566193-3 QC Sample: L2159213-01 Client ID: MS Sample												
Arsenic, Total	2.31	9.79	13.6	115		-	-		75-125	-		20
Barium, Total	10.3	163	180	104		-	-		75-125	-		20
Beryllium, Total	0.112J	4.08	4.52	111		-	-		75-125	-		20
Cadmium, Total	ND	4.32	4.66	108		-	-		75-125	-		20
Chromium, Total	5.21	16.3	25.4	124		-	-		75-125	-		20
Copper, Total	4.75	20.4	26.3	106		-	-		75-125	-		20
Lead, Total	13.4	43.2	55.4	97		-	-		75-125	-		20
Manganese, Total	62.9	40.8	107	108		-	-		75-125	-		20
Nickel, Total	2.43	40.8	44.4	103		-	-		75-125	-		20
Selenium, Total	ND	9.79	10.2	104		-	-		75-125	-		20
Silver, Total	ND	24.5	27.5	112		-	-		75-125	-		20
Zinc, Total	15.1	40.8	59.0	108		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1566195-3 QC Sample: L2159213-01 Client ID: MS Sample												
Mercury, Total	ND	0.133	0.143	107		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 26 CLEARENCE AVE, BUFFALO, NY

Project Number: 3162-01

Lab Number: L2159354

Report Date: 11/11/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1566193-4 QC Sample: L2159213-01 Client ID: DUP Sample						
Arsenic, Total	2.31	1.82	mg/kg	**24**	Q	20
Barium, Total	10.3	7.32	mg/kg	**34**	Q	20
Beryllium, Total	0.112J	0.107J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	5.21	4.48	mg/kg	15		20
Copper, Total	4.75	3.81	mg/kg	**22**	Q	20
Lead, Total	13.4	10.9	mg/kg	**21**	Q	20
Manganese, Total	62.9	57.8	mg/kg	8		20
Nickel, Total	2.43	2.27	mg/kg	7		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Zinc, Total	15.1	13.6	mg/kg	10		20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1566195-4 QC Sample: L2159213-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2159354
Report Date: 11/11/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1566193-6 QC Sample: L2159213-01 Client ID: DUP Sample						
Manganese, Total	62.9	63.7	mg/kg	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01
Lab Number: L2159354
Report Date: 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-01
Client ID: B-11 24-28"
Sample Location: 26 CLEARENCE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 10/28/21 09:25
Date Received: 10/28/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	10/29/21 13:00	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.22	1	11/10/21 13:00	11/11/21 11:43	1,9010C/9012B	CS

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01
Lab Number: L2159354
Report Date: 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-02
Client ID: B-12 1-5'
Sample Location: 26 CLEARENCE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 10/28/21 09:40
Date Received: 10/28/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	10/29/21 13:00	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	11/10/21 13:00	11/11/21 11:44	1,9010C/9012B	CS

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01
Lab Number: L2159354
Report Date: 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-03
Client ID: B-13 28-46"
Sample Location: 26 CLEARENCE AVENUE
Sample Depth:
Matrix: Soil

Date Collected: 10/28/21 10:40
Date Received: 10/28/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	10/29/21 13:00	121,2540G	RI
Cyanide, Total	0.39	J	mg/kg	1.2	0.24	1	11/10/21 17:00	11/11/21 12:27	1,9010C/9012B	CS

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01
Lab Number: L2159354
Report Date: 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-04
Client ID: B-14 2-3'
Sample Location: 26 CLEARENCE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 10/28/21 11:10
Date Received: 10/28/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	10/29/21 13:00	121,2540G	RI
Cyanide, Total	0.27	J	mg/kg	1.1	0.23	1	11/10/21 17:00	11/11/21 12:28	1,9010C/9012B	CS

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01
Lab Number: L2159354
Report Date: 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-05
Client ID: B-14 3-4'
Sample Location: 26 CLEARENCE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 10/28/21 11:10
Date Received: 10/28/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	10/29/21 13:00	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	11/10/21 17:00	11/11/21 12:29	1,9010C/9012B	CS

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01
Lab Number: L2159354
Report Date: 11/11/21

SAMPLE RESULTS

Lab ID: L2159354-06
Client ID: B-16 28-32'
Sample Location: 26 CLEARENCE AVENUE
Sample Depth:
Matrix: Soil
Date Collected: 10/28/21 11:15
Date Received: 10/28/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.8		%	0.100	NA	1	-	10/29/21 13:00	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.2	0.24	1	11/10/21 17:00	11/11/21 12:30	1,9010C/9012B	CS

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01
Lab Number: L2159354
Report Date: 11/11/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1569518-1										
Cyanide, Total	ND		mg/kg	0.90	0.19	1	11/10/21 13:00	11/11/21 11:25	1,9010C/9012B	CS
General Chemistry - Westborough Lab for sample(s): 03-06 Batch: WG1569717-1										
Cyanide, Total	ND		mg/kg	0.91	0.19	1	11/10/21 17:00	11/11/21 12:23	1,9010C/9012B	CS

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLEARENCE AVE, BUFFALO, NY

Project Number: 3162-01

Lab Number: L2159354

Report Date: 11/11/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1569518-2 WG1569518-3								
Cyanide, Total	116		**65**	Q	80-120	**49**	Q	35
General Chemistry - Westborough Lab Associated sample(s): 03-06 Batch: WG1569717-2 WG1569717-3								
Cyanide, Total	83		83		80-120	2		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01

Lab Number: L2159354
Report Date: 11/11/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03-06 QC Batch ID: WG1569717-4 WG1569717-5 QC Sample: L2160402-01 Client ID: MS Sample												
Cyanide, Total	0.66J	11	12	100		13	110		75-125	8		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 26 CLEARENCE AVE, BUFFALO, NY

Project Number: 3162-01

Lab Number: L2159354

Report Date: 11/11/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1564918-1 QC Sample: L2159028-01 Client ID: DUP Sample						
Solids, Total	84.9	84.4	%	1		20

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01

Lab Number: L2159354
Report Date: 11/11/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2159354-01A	Vial MeOH preserved	A	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2159354-01B	Vial water preserved	A	NA		3.2	Y	Absent	29-OCT-21 04:00	NYTCL-8260HLW-R2(14)
L2159354-01C	Vial water preserved	A	NA		3.2	Y	Absent	29-OCT-21 04:00	NYTCL-8260HLW-R2(14)
L2159354-01D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2159354-01E	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),TS(7)
L2159354-02A	Vial MeOH preserved	A	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2159354-02B	Vial water preserved	A	NA		3.2	Y	Absent	29-OCT-21 04:00	NYTCL-8260HLW-R2(14)
L2159354-02C	Vial water preserved	A	NA		3.2	Y	Absent	29-OCT-21 04:00	NYTCL-8260HLW-R2(14)
L2159354-02D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2159354-02E	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7)
L2159354-03A	Vial MeOH preserved	A	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2159354-03B	Vial water preserved	A	NA		3.2	Y	Absent	29-OCT-21 04:00	NYTCL-8260HLW-R2(14)
L2159354-03C	Vial water preserved	A	NA		3.2	Y	Absent	29-OCT-21 04:00	NYTCL-8260HLW-R2(14)
L2159354-03D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2159354-03E	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		TCN-9010(14),NYTCL-8270(14),TS(7)
L2159354-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2159354-04B	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: 26 CLEARENCE AVE, BUFFALO, NY
Project Number: 3162-01

Lab Number: L2159354
Report Date: 11/11/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2159354-04D	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		AG-TI(180)
L2159354-04E	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		TCN-9010(14)
L2159354-05A	Vial MeOH preserved	A	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2159354-05B	Vial water preserved	A	NA		3.2	Y	Absent	29-OCT-21 04:00	NYTCL-8260HLW-R2(14)
L2159354-05C	Vial water preserved	A	NA		3.2	Y	Absent	29-OCT-21 04:00	NYTCL-8260HLW-R2(14)
L2159354-05D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2159354-05E	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),TCN-9010(14),TS(7)
L2159354-06A	Vial MeOH preserved	A	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2159354-06B	Vial water preserved	A	NA		3.2	Y	Absent	29-OCT-21 04:00	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2159354-06C	Vial water preserved	A	NA		3.2	Y	Absent	29-OCT-21 04:00	NYTCL-8260HLW-R2(14),NYTCL-8260H-R2(14)
L2159354-06D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.2	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2159354-06E	Glass 120ml/4oz unpreserved	A	NA		3.2	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	26 CLEARENCE AVE, BUFFALO, NY	**Lab Number:**	L2159354
Project Number:	3162-01	**Report Date:**	11/11/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	26 CLEARENCE AVE, BUFFALO, NY	**Lab Number:**	L2159354
Project Number:	3162-01	**Report Date:**	11/11/21

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	26 CLEARENCE AVE, BUFFALO, NY	**Lab Number:**	L2159354
Project Number:	3162-01	**Report Date:**	11/11/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	26 CLEARENCE AVE, BUFFALO, NY	**Lab Number:**	L2159354
Project Number:	3162-01	**Report Date:**	11/11/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 10/29/21

ALPHA Job #: L2159354

Client Information
Client: AEG
Address: 100 Jefferson
Warwick RI 02886
Phone: 401-732-7000
Fax:
Email: Tim.Nevins@tetratech.com

Project Information
Project Name: 36-46 Clarence Arena
Project Location: 36 Clarence Ave, Buffalo, NY
Project # 3162-01
(Use Project name as Project #) ☐
Project Manager: T. Nevins
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☒ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO # 113-0347979725

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Meet NYSDEC Criteria for Residential (and Industrial-Commercial Properties

Please specify Metals or TAL. NYSDEC Part 375 and CP-51 Metals

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC	SVOC	Metals	Total Bottle	Sample Specific Comments
59354-01	B-11 24-28"	10/28/21	0925	Soil	TFN	X	X	X	5	
02	B-12 1-1.5'		0940			X	X	X	5	
03	B-13 28-46"		1040			X	X	X	5	
04	B-14 2-3'		1116				X	X	2	
05	B-14 3-4'		1110			X	X	X	5	
06	B-15 28-32"		1115			X	X	X	5	

Container Type	V	A	A
Preservative	F/O	A	A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	10/28/21 1455	JM AL AAL	10/29/21 10:55
JM AL AAL	10/29/21 15:40		10/29/21 01:40

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

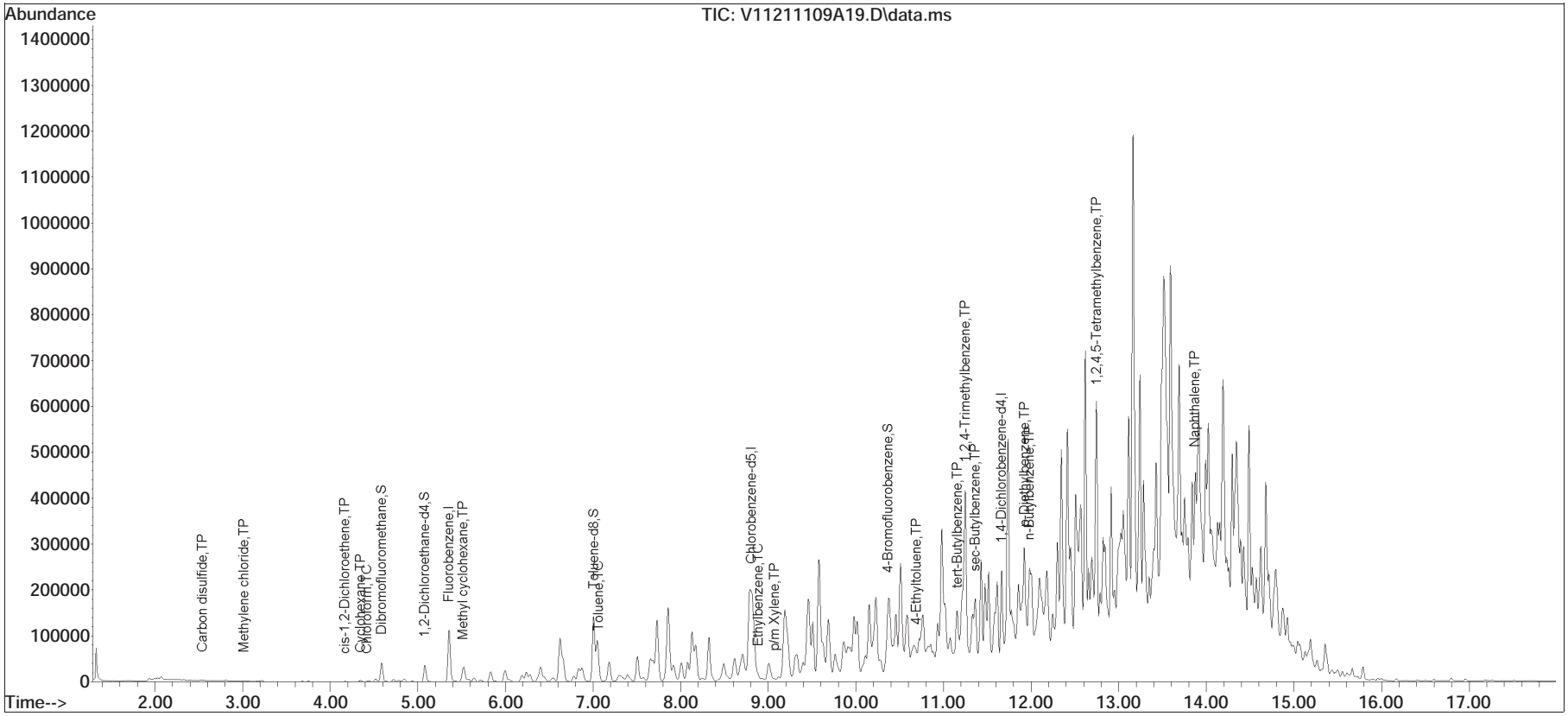
Form No: 01-25 HC (rev. 30-Sept-2013)

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA111\2021\211109A\
Data File : V11211109A19.D
Acq On : 09 Nov 2021 10:27 pm
Operator : VOA111:NLK
Sample : L2159354-01,31H,5.32,5,0.100,,A
Misc : WG1569507,ICAL18367
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 10 09:30:36 2021
Quant Method : I:\VOLATILES\VOA111\2021\211109A\V111_211006N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Oct 07 13:32:11 2021
Response via : Initial Calibration

Sub List : 8260-Curve-3 - Megamix plus Diox-IM, Acro, 2Ceve1.D•

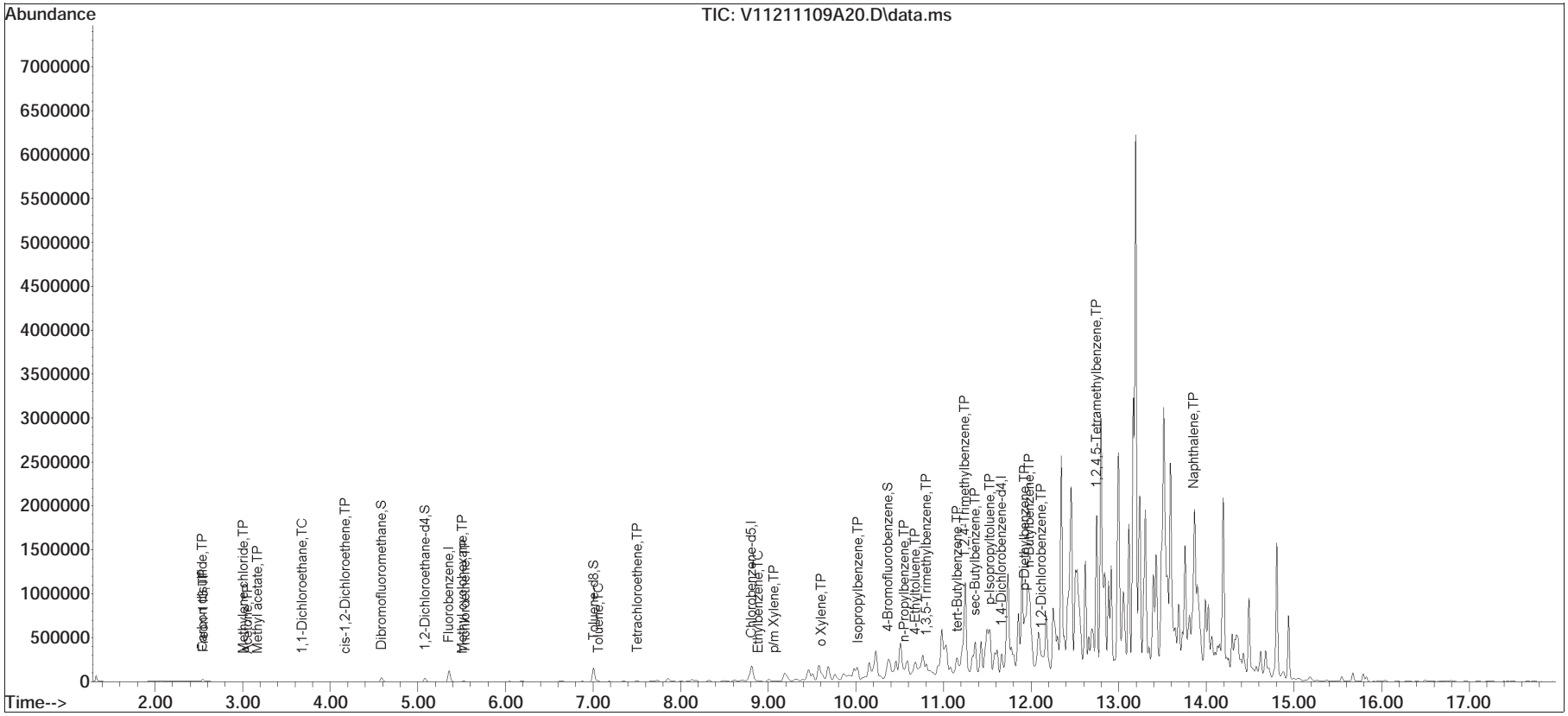


Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA111\2021\211109A\
Data File : V11211109A20.D
Acq On : 09 Nov 2021 10:53 pm
Operator : VOA111:NLK
Sample : L2159354-05,31H,6.43,5,0.100,,A
Misc : WG1569507,ICAL18367
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 10 09:31:34 2021
Quant Method : I:\VOLATILES\VOA111\2021\211109A\V111_211006N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Oct 07 13:32:11 2021
Response via : Initial Calibration

Sub List : 8260-Curve-3 - Megamix plus Diox-IM, Acro, 2Ceve1.D•

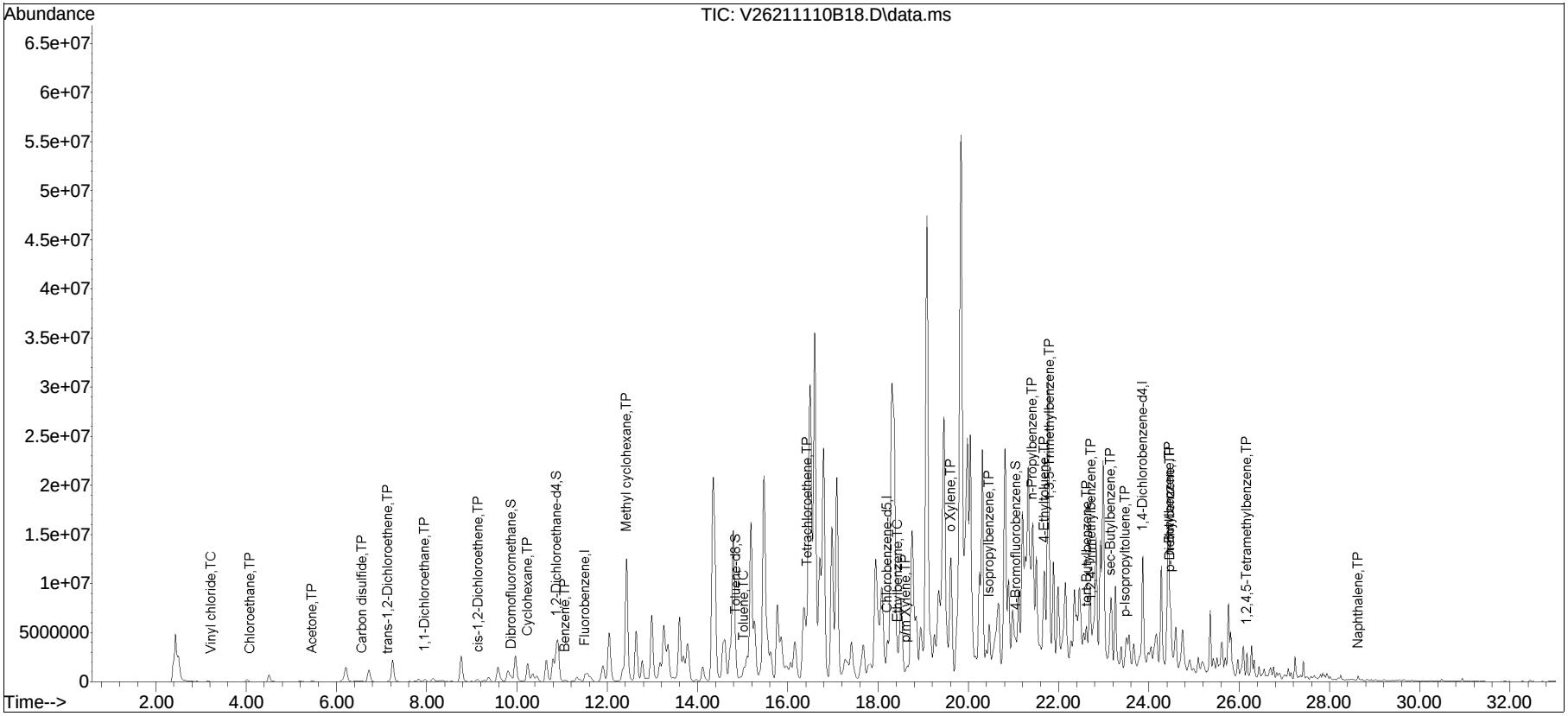


Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA126\2021\211110B\
Data File : V26211110B18.D
Acq On : 10 Nov 2021 08:43 pm
Operator : VOA126:AJK
Sample : L2159354-06,31,5.06,5,,C
Misc : WG1569844,ICAL18392
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 10 22:14:43 2021
Quant Method : I:\VOLATILES\VOA126\2021\211110B\V126_211018P_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Oct 19 12:38:38 2021
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox0B\V26211110B01.D•



APPENDIX E

Groundwater Laboratory Analytical Reports

ANALYTICAL REPORT

Lab Number:	L2163416
Client:	Alliance Environmental Group 100 Jefferson Boulevard Suite 220 Warwick, RI 02888
ATTN:	Tim Nevins
Phone:	(401) 732-7600
Project Name:	26 CLARENCE HOUSE
Project Number:	3178-01
Report Date:	12/03/21

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01

Lab Number: L2163416
Report Date: 12/03/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2163416-01	MW-1	WATER	BUFFALO, NY	11/17/21 11:15	11/17/21
L2163416-02	MW-2	WATER	BUFFALO, NY	11/17/21 12:00	11/17/21
L2163416-03	MW-3	WATER	BUFFALO, NY	11/17/21 14:00	11/17/21
L2163416-04	TRIP BLANK	WATER	BUFFALO, NY	11/17/21 09:30	11/17/21

Project Name:	26 CLARENCE HOUSE	**Lab Number:**	L2163416
Project Number:	3178-01	**Report Date:**	12/03/21

Case Narrative

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

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

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

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

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

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

Project Name:	26 CLARENCE HOUSE	**Lab Number:**	L2163416
Project Number:	3178-01	**Report Date:**	12/03/21

Case Narrative (continued)

Report Submission

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

Sample Receipt

L2163416-01, -02, and -03: The sample was received below the appropriate pH for the Total Cyanide - EPA 9010C/9012B analysis. The laboratory added additional NaOH to a pH >12.

The analyses performed were specified by the client.

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

Authorized Signature:  Caitlin Walukevich

Title: Technical Director/Representative Date: 12/03/21

ORGANICS

VOLATILES

Project Name: 26 CLARENCE HOUSE
Lab Number: L2163416
Project Number: 3178-01
Report Date: 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-01 D
Client ID: MW-1
Sample Location: BUFFALO, NY

Date Collected: 11/17/21 11:15
Date Received: 11/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/30/21 01:36
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	140		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	1700		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	1.5	J	ug/l	5.0	1.3	10
1,1,1-Trichloroethane	1500		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	7.0	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	430		ug/l	10	0.71	10
Chloroethane	17	J	ug/l	25	7.0	10
1,1-Dichloroethene	28		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	9.4	J	ug/l	25	7.0	10

Project Name: 26 CLARENCE HOUSE **Lab Number:** L2163416

Project Number: 3178-01 **Report Date:** 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-01 D Date Collected: 11/17/21 11:15
Client ID: MW-1 Date Received: 11/17/21
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	160		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
Xylenes, Total	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	640		ug/l	25	7.0	10
1,2-Dichloroethene, Total	650	J	ug/l	25	7.0	10
Dibromomethane	ND		ug/l	50	10.	10
1,2,3-Trichloropropane	ND		ug/l	25	7.0	10
Acrylonitrile	ND		ug/l	50	15.	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	10.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
2,2-Dichloropropane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,3-Dichloropropane	ND		ug/l	25	7.0	10
1,1,1,2-Tetrachloroethane	ND		ug/l	25	7.0	10
Bromobenzene	ND		ug/l	25	7.0	10
n-Butylbenzene	ND		ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
o-Chlorotoluene	ND		ug/l	25	7.0	10
p-Chlorotoluene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Hexachlorobutadiene	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	ND		ug/l	25	7.0	10

Project Name: 26 CLARENCE HOUSE **Lab Number:** L2163416

Project Number: 3178-01 **Report Date:** 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-01 D Date Collected: 11/17/21 11:15
Client ID: MW-1 Date Received: 11/17/21
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	ND		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	ND		ug/l	25	7.0	10
1,4-Dioxane	ND		ug/l	2500	610	10
p-Diethylbenzene	ND		ug/l	20	7.0	10
p-Ethyltoluene	ND		ug/l	20	7.0	10
1,2,4,5-Tetramethylbenzene	ND		ug/l	20	5.4	10
Ethyl ether	ND		ug/l	25	7.0	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	7.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	114		70-130

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01
Lab Number: L2163416
Report Date: 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-02 D
Client ID: MW-2
Sample Location: BUFFALO, NY

Date Collected: 11/17/21 12:00
Date Received: 11/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/30/21 23:47
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	18		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	4.7		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	3.4	J	ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
1,3-Dichloropropene, Total	ND		ug/l	2.0	0.58	4
1,1-Dichloropropene	ND		ug/l	10	2.8	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	0.74	J	ug/l	2.0	0.64	4
Toluene	ND		ug/l	10	2.8	4
Ethylbenzene	ND		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	240		ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	1.4	J	ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	11		ug/l	10	2.8	4

Project Name: 26 CLARENCE HOUSE **Lab Number:** L2163416

Project Number: 3178-01 **Report Date:** 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-02 D Date Collected: 11/17/21 12:00
Client ID: MW-2 Date Received: 11/17/21
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	9.3		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	2.8	4
p/m-Xylene	ND		ug/l	10	2.8	4
o-Xylene	ND		ug/l	10	2.8	4
Xylenes, Total	ND		ug/l	10	2.8	4
cis-1,2-Dichloroethene	490		ug/l	10	2.8	4
1,2-Dichloroethene, Total	500		ug/l	10	2.8	4
Dibromomethane	ND		ug/l	20	4.0	4
1,2,3-Trichloropropane	ND		ug/l	10	2.8	4
Acrylonitrile	ND		ug/l	20	6.0	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	ND		ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
Vinyl acetate	ND		ug/l	20	4.0	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
Bromochloromethane	ND		ug/l	10	2.8	4
2,2-Dichloropropane	ND		ug/l	10	2.8	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
1,3-Dichloropropane	ND		ug/l	10	2.8	4
1,1,1,2-Tetrachloroethane	ND		ug/l	10	2.8	4
Bromobenzene	ND		ug/l	10	2.8	4
n-Butylbenzene	ND		ug/l	10	2.8	4
sec-Butylbenzene	ND		ug/l	10	2.8	4
tert-Butylbenzene	ND		ug/l	10	2.8	4
o-Chlorotoluene	ND		ug/l	10	2.8	4
p-Chlorotoluene	ND		ug/l	10	2.8	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Hexachlorobutadiene	ND		ug/l	10	2.8	4
Isopropylbenzene	ND		ug/l	10	2.8	4
p-Isopropyltoluene	ND		ug/l	10	2.8	4
Naphthalene	ND		ug/l	10	2.8	4

Project Name: 26 CLARENCE HOUSE **Lab Number:** L2163416

Project Number: 3178-01 **Report Date:** 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-02 D Date Collected: 11/17/21 12:00
Client ID: MW-2 Date Received: 11/17/21
Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	10	2.8	4
1,2,3-Trichlorobenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
1,3,5-Trimethylbenzene	ND		ug/l	10	2.8	4
1,2,4-Trimethylbenzene	ND		ug/l	10	2.8	4
1,4-Dioxane	ND		ug/l	1000	240	4
p-Diethylbenzene	ND		ug/l	8.0	2.8	4
p-Ethyltoluene	ND		ug/l	8.0	2.8	4
1,2,4,5-Tetramethylbenzene	ND		ug/l	8.0	2.2	4
Ethyl ether	ND		ug/l	10	2.8	4
trans-1,4-Dichloro-2-butene	ND		ug/l	10	2.8	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	108		70-130

Project Name: 26 CLARENCE HOUSE
Lab Number: L2163416
Project Number: 3178-01
Report Date: 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-03
Client ID: MW-3
Sample Location: BUFFALO, NY

Date Collected: 11/17/21 14:00
Date Received: 11/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/28/21 14:13
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.28	J	ug/l	0.50	0.16	1
Toluene	0.72	J	ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 26 CLARENCE HOUSE **Lab Number:** L2163416

Project Number: 3178-01 **Report Date:** 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-03 Date Collected: 11/17/21 14:00

Client ID: MW-3 Date Received: 11/17/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Project Name: 26 CLARENCE HOUSE **Lab Number:** L2163416

Project Number: 3178-01 **Report Date:** 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-03 Date Collected: 11/17/21 14:00

Client ID: MW-3 Date Received: 11/17/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	114		70-130

Project Name: 26 CLARENCE HOUSE
Lab Number: L2163416
Project Number: 3178-01
Report Date: 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-04
Client ID: TRIP BLANK
Sample Location: BUFFALO, NY

Date Collected: 11/17/21 09:30
Date Received: 11/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 11/28/21 14:36
Analyst: LAC

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

Project Name: 26 CLARENCE HOUSE **Lab Number:** L2163416

Project Number: 3178-01 **Report Date:** 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-04 Date Collected: 11/17/21 09:30

Client ID: TRIP BLANK Date Received: 11/17/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Project Name: 26 CLARENCE HOUSE
Lab Number: L2163416
Project Number: 3178-01
Report Date: 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-04
Client ID: TRIP BLANK
Sample Location: BUFFALO, NY
Date Collected: 11/17/21 09:30
Date Received: 11/17/21
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	116		70-130

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01
Lab Number: L2163416
Report Date: 12/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/28/21 08:26
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1576671-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 26 CLARENCE HOUSE **Lab Number:** L2163416

Project Number: 3178-01 **Report Date:** 12/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/28/21 08:26
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1576671-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 26 CLARENCE HOUSE **Lab Number:** L2163416

Project Number: 3178-01 **Report Date:** 12/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/28/21 08:26
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-04 Batch: WG1576671-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	112		70-130

Project Name: 26 CLARENCE HOUSE **Lab Number:** L2163416

Project Number: 3178-01 **Report Date:** 12/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/29/21 19:51
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1577078-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 26 CLARENCE HOUSE **Lab Number:** L2163416

Project Number: 3178-01 **Report Date:** 12/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/29/21 19:51
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1577078-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 26 CLARENCE HOUSE **Lab Number:** L2163416

Project Number: 3178-01 **Report Date:** 12/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/29/21 19:51
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1577078-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	112		70-130

Project Name: 26 CLARENCE HOUSE **Lab Number:** L2163416

Project Number: 3178-01 **Report Date:** 12/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/30/21 18:06
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1577802-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01
Lab Number: L2163416
Report Date: 12/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/30/21 18:06
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1577802-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 26 CLARENCE HOUSE **Lab Number:** L2163416

Project Number: 3178-01 **Report Date:** 12/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/30/21 18:06
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1577802-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	110		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01

Lab Number: L2163416
Report Date: 12/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1576671-3 WG1576671-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	110		120		70-130	9		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	130		120		62-150	8		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	93		96		70-130	3		20
cis-1,3-Dichloropropene	99		100		70-130	1		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	96		100		54-136	4		20
1,1,2,2-Tetrachloroethane	96		110		67-130	14		20
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	130		130		64-130	0		20
Bromomethane	90		89		39-139	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01

Lab Number: L2163416
Report Date: 12/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1576671-3 WG1576671-4								
Vinyl chloride	130		130		55-140	0		20
Chloroethane	130		130		55-138	0		20
1,1-Dichloroethene	120		120		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	110		110		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		110		70-130	0		20
Methyl tert butyl ether	97		100		63-130	3		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	110		110		70-130	0		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Dibromomethane	100		110		70-130	10		20
1,2,3-Trichloropropane	97		100		64-130	3		20
Acrylonitrile	120		130		70-130	8		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	100		110		58-148	10		20
Carbon disulfide	120		120		51-130	0		20
2-Butanone	95		120		63-138	**23**	Q	20
Vinyl acetate	94		100		70-130	6		20
4-Methyl-2-pentanone	88		99		59-130	12		20
2-Hexanone	95		100		57-130	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01

Lab Number: L2163416
Report Date: 12/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1576671-3 WG1576671-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	100		98		63-133	2		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	100		110		70-130	10		20
1,1,1,2-Tetrachloroethane	98		100		64-130	2		20
Bromobenzene	110		110		70-130	0		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	92		100		41-144	8		20
Hexachlorobutadiene	97		98		63-130	1		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	89		100		70-130	12		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	97		110		70-130	13		20
1,2,4-Trichlorobenzene	98		100		70-130	2		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	102		144		56-162	**34**	Q	20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLARENCE HOUSE

Project Number: 3178-01

Lab Number: L2163416

Report Date: 12/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-04 Batch: WG1576671-3 WG1576671-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	97		99		70-130	2		20
Ethyl ether	120		130		59-134	8		20
trans-1,4-Dichloro-2-butene	110		120		70-130	9		20

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

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01

Lab Number: L2163416
Report Date: 12/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1577078-3 WG1577078-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	100		110		63-132	10		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	94		99		63-130	5		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	120		120		67-130	0		20
Bromodichloromethane	100		110		67-130	10		20
trans-1,3-Dichloropropene	92		94		70-130	2		20
cis-1,3-Dichloropropene	87		92		70-130	6		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	90		98		54-136	9		20
1,1,2,2-Tetrachloroethane	96		95		67-130	1		20
Benzene	97		98		70-130	1		20
Toluene	100		100		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	100		100		64-130	0		20
Bromomethane	120		120		39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLARENCE HOUSE

Project Number: 3178-01

Lab Number: L2163416

Report Date: 12/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1577078-3 WG1577078-4								
Vinyl chloride	99		100		55-140	1		20
Chloroethane	130		120		55-138	8		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		99		70-130	1		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	110		110		63-130	0		20
p/m-Xylene	110		105		70-130	5		20
o-Xylene	115		110		70-130	4		20
cis-1,2-Dichloroethene	98		100		70-130	2		20
Dibromomethane	90		95		70-130	5		20
1,2,3-Trichloropropane	99		92		64-130	7		20
Acrylonitrile	97		95		70-130	2		20
Styrene	115		110		70-130	4		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	88		100		58-148	13		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	70		85		63-138	19		20
Vinyl acetate	76		80		70-130	5		20
4-Methyl-2-pentanone	86		90		59-130	5		20
2-Hexanone	75		88		57-130	16		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01

Lab Number: L2163416
Report Date: 12/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1577078-3 WG1577078-4								
Bromochloromethane	96		96		70-130	0		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	95		99		70-130	4		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	99		100		64-130	1		20
Bromobenzene	110		100		70-130	10		20
n-Butylbenzene	120		110		53-136	9		20
sec-Butylbenzene	120		110		70-130	9		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	120		110		70-130	9		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	82		81		41-144	1		20
Hexachlorobutadiene	110		100		63-130	10		20
Isopropylbenzene	120		110		70-130	9		20
p-Isopropyltoluene	120		110		70-130	9		20
Naphthalene	80		77		70-130	4		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	81		82		70-130	1		20
1,2,4-Trichlorobenzene	92		92		70-130	0		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
1,4-Dioxane	100		108		56-162	8		20
p-Diethylbenzene	110		100		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLARENCE HOUSE

Project Number: 3178-01

Lab Number: L2163416

Report Date: 12/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1577078-3 WG1577078-4								
p-Ethyltoluene	120		110		70-130	9		20
1,2,4,5-Tetramethylbenzene	100		99		70-130	1		20
Ethyl ether	110		110		59-134	0		20
trans-1,4-Dichloro-2-butene	100		95		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		116		70-130
Toluene-d8	111		109		70-130
4-Bromofluorobenzene	111		106		70-130
Dibromofluoromethane	105		105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01

Lab Number: L2163416
Report Date: 12/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1577802-3 WG1577802-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	97		100		70-130	3		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	93		94		70-130	1		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	99		99		75-130	0		20
Trichlorofluoromethane	110		120		62-150	9		20
1,2-Dichloroethane	100		99		70-130	1		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	85		87		70-130	2		20
cis-1,3-Dichloropropene	95		95		70-130	0		20
1,1-Dichloropropene	100		99		70-130	1		20
Bromoform	99		100		54-136	1		20
1,1,2,2-Tetrachloroethane	86		86		67-130	0		20
Benzene	100		100		70-130	0		20
Toluene	97		98		70-130	1		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	110		110		39-139	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01

Lab Number: L2163416
Report Date: 12/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1577802-3 WG1577802-4								
Vinyl chloride	100		98		55-140	2		20
Chloroethane	110		120		55-138	9		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	88		98		63-130	11		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	100		110		70-130	10		20
1,2,3-Trichloropropane	84		90		64-130	7		20
Acrylonitrile	82		88		70-130	7		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	110		120		36-147	9		20
Acetone	130		140		58-148	7		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	83		100		63-138	19		20
Vinyl acetate	75		79		70-130	5		20
4-Methyl-2-pentanone	67		79		59-130	16		20
2-Hexanone	76		90		57-130	17		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLARENCE HOUSE

Project Number: 3178-01

Lab Number: L2163416

Report Date: 12/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1577802-3 WG1577802-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	81		94		63-133	15		20
1,2-Dibromoethane	90		96		70-130	6		20
1,3-Dichloropropane	91		94		70-130	3		20
1,1,1,2-Tetrachloroethane	100		96		64-130	4		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	92		92		53-136	0		20
sec-Butylbenzene	99		97		70-130	2		20
tert-Butylbenzene	100		99		70-130	1		20
o-Chlorotoluene	96		93		70-130	3		20
p-Chlorotoluene	94		95		70-130	1		20
1,2-Dibromo-3-chloropropane	92		94		41-144	2		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	99		98		70-130	1		20
p-Isopropyltoluene	99		97		70-130	2		20
Naphthalene	87		92		70-130	6		20
n-Propylbenzene	96		94		69-130	2		20
1,2,3-Trichlorobenzene	93		99		70-130	6		20
1,2,4-Trichlorobenzene	99		98		70-130	1		20
1,3,5-Trimethylbenzene	100		98		64-130	2		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	104		112		56-162	7		20
p-Diethylbenzene	97		93		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLARENCE HOUSE

Project Number: 3178-01

Lab Number: L2163416

Report Date: 12/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1577802-3 WG1577802-4								
p-Ethyltoluene	100		96		70-130	4		20
1,2,4,5-Tetramethylbenzene	92		90		70-130	2		20
Ethyl ether	94		120		59-134	**24**	Q	20
trans-1,4-Dichloro-2-butene	86		85		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		103		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	91		91		70-130
Dibromofluoromethane	104		105		70-130

SEMIVOLATILES

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01
Lab Number: L2163416
Report Date: 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-01
Client ID: MW-1
Sample Location: BUFFALO, NY

Date Collected: 11/17/21 11:15
Date Received: 11/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 11/23/21 07:37
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 11/20/21 00:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.2	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 26 CLARENCE HOUSE **Lab Number:** L2163416

Project Number: 3178-01 **Report Date:** 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-01 Date Collected: 11/17/21 11:15

Client ID: MW-1 Date Received: 11/17/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	62		41-149

Project Name: 26 CLARENCE HOUSE
Lab Number: L2163416
Project Number: 3178-01
Report Date: 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-01
Client ID: MW-1
Sample Location: BUFFALO, NY

Date Collected: 11/17/21 11:15
Date Received: 11/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 11/22/21 20:40
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 11/20/21 00:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.26		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.13		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.62		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.07	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.04	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.06	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.05	J	ug/l	0.10	0.01	1
Acenaphthylene	0.10		ug/l	0.10	0.01	1
Anthracene	0.05	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.01	1
Fluorene	0.50		ug/l	0.10	0.01	1
Phenanthrene	0.46		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.04	J	ug/l	0.10	0.01	1
Pyrene	0.12		ug/l	0.10	0.02	1
2-Methylnaphthalene	1.2		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 26 CLARENCE HOUSE **Lab Number:** L2163416

Project Number: 3178-01 **Report Date:** 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-01 Date Collected: 11/17/21 11:15

Client ID: MW-1 Date Received: 11/17/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	74		41-149

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01
Lab Number: L2163416
Report Date: 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-02
Client ID: MW-2
Sample Location: BUFFALO, NY

Date Collected: 11/17/21 12:00
Date Received: 11/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 11/23/21 08:03
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 11/20/21 00:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.7	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 26 CLARENCE HOUSE
Lab Number: L2163416
Project Number: 3178-01
Report Date: 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-02
Client ID: MW-2
Sample Location: BUFFALO, NY
Date Collected: 11/17/21 12:00
Date Received: 11/17/21
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	72		41-149

Project Name: 26 CLARENCE HOUSE
Lab Number: L2163416
Project Number: 3178-01
Report Date: 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-02
Client ID: MW-2
Sample Location: BUFFALO, NY

Date Collected: 11/17/21 12:00
Date Received: 11/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 11/22/21 20:59
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 11/20/21 00:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.12		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.51		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.05	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.25		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.19		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.29		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.10	J	ug/l	0.10	0.01	1
Chrysene	0.20		ug/l	0.10	0.01	1
Acenaphthylene	0.07	J	ug/l	0.10	0.01	1
Anthracene	0.15		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.11		ug/l	0.10	0.01	1
Fluorene	0.23		ug/l	0.10	0.01	1
Phenanthrene	0.31		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.04	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.16		ug/l	0.10	0.01	1
Pyrene	0.46		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 26 CLARENCE HOUSE **Lab Number:** L2163416

Project Number: 3178-01 **Report Date:** 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-02 Date Collected: 11/17/21 12:00

Client ID: MW-2 Date Received: 11/17/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	79		41-149

Project Name: 26 CLARENCE HOUSE
Lab Number: L2163416
Project Number: 3178-01
Report Date: 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-03
Client ID: MW-3
Sample Location: BUFFALO, NY

Date Collected: 11/17/21 14:00
Date Received: 11/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 11/23/21 08:29
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 11/20/21 00:53

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

Project Name: 26 CLARENCE HOUSE **Lab Number:** L2163416

Project Number: 3178-01 **Report Date:** 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-03 Date Collected: 11/17/21 14:00

Client ID: MW-3 Date Received: 11/17/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	69		41-149

Project Name: 26 CLARENCE HOUSE
Lab Number: L2163416
Project Number: 3178-01
Report Date: 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-03
Client ID: MW-3
Sample Location: BUFFALO, NY

Date Collected: 11/17/21 14:00
Date Received: 11/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 11/22/21 21:19
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 11/20/21 00:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	0.01	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.03	J	ug/l	0.10	0.01	1
Phenanthrene	0.04	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.16		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 26 CLARENCE HOUSE **Lab Number:** L2163416

Project Number: 3178-01 **Report Date:** 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-03 Date Collected: 11/17/21 14:00

Client ID: MW-3 Date Received: 11/17/21

Sample Location: BUFFALO, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	82		41-149

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01
Lab Number: L2163416
Report Date: 12/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/19/21 19:42
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 11/19/21 01:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1573347-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	1.6	J	ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01
Lab Number: L2163416
Report Date: 12/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/19/21 19:42
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 11/19/21 01:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1573347-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01
Lab Number: L2163416
Report Date: 12/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/19/21 19:42
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 11/19/21 01:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1573347-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	75		41-149

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01
Lab Number: L2163416
Report Date: 12/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 11/21/21 01:23
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/19/21 01:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1573348-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01
Lab Number: L2163416
Report Date: 12/03/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 11/21/21 01:23
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/19/21 01:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1573348-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	82		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLARENCE HOUSE

Project Number: 3178-01

Lab Number: L2163416

Report Date: 12/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1573347-2 WG1573347-3								
Acenaphthene	70		82		37-111	16		30
1,2,4-Trichlorobenzene	60		65		39-98	8		30
Hexachlorobenzene	55		89		40-140	**47**	Q	30
Bis(2-chloroethyl)ether	72		68		40-140	6		30
2-Chloronaphthalene	68		97		40-140	**35**	Q	30
1,2-Dichlorobenzene	67		62		40-140	8		30
1,3-Dichlorobenzene	66		58		40-140	13		30
1,4-Dichlorobenzene	64		58		36-97	10		30
3,3'-Dichlorobenzidine	73		89		40-140	20		30
2,4-Dinitrotoluene	76		103		48-143	30		30
2,6-Dinitrotoluene	75		131		40-140	**54**	Q	30
Fluoranthene	72		100		40-140	**33**	Q	30
4-Chlorophenyl phenyl ether	73		90		40-140	21		30
4-Bromophenyl phenyl ether	66		97		40-140	**38**	Q	30
Bis(2-chloroisopropyl)ether	111		103		40-140	7		30
Bis(2-chloroethoxy)methane	73		85		40-140	15		30
Hexachlorobutadiene	61		60		40-140	2		30
Hexachlorocyclopentadiene	55		75		40-140	**31**	Q	30
Hexachloroethane	66		62		40-140	6		30
Isophorone	76		86		40-140	12		30
Naphthalene	68		69		40-140	1		30
Nitrobenzene	72		77		40-140	7		30
NDPA/DPA	77		100		40-140	26		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLARENCE HOUSE

Project Number: 3178-01

Lab Number: L2163416

Report Date: 12/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1573347-2 WG1573347-3								
n-Nitrosodi-n-propylamine	85		91		29-132	7		30
Bis(2-ethylhexyl)phthalate	116		130		40-140	11		30
Butyl benzyl phthalate	97		113		40-140	15		30
Di-n-butylphthalate	83		108		40-140	26		30
Di-n-octylphthalate	102		118		40-140	15		30
Diethyl phthalate	85		110		40-140	26		30
Dimethyl phthalate	68		113		40-140	**50**	Q	30
Benzo(a)anthracene	80		104		40-140	26		30
Benzo(a)pyrene	108		102		40-140	6		30
Benzo(b)fluoranthene	81		98		40-140	19		30
Benzo(k)fluoranthene	85		101		40-140	17		30
Chrysene	79		99		40-140	22		30
Acenaphthylene	71		109		45-123	**42**	Q	30
Anthracene	77		96		40-140	22		30
Benzo(ghi)perylene	72		87		40-140	19		30
Fluorene	76		95		40-140	22		30
Phenanthrene	76		94		40-140	21		30
Dibenzo(a,h)anthracene	72		84		40-140	15		30
Indeno(1,2,3-cd)pyrene	76		93		40-140	20		30
Pyrene	72		98		26-127	**31**	Q	30
Biphenyl	73		101		40-140	**32**	Q	30
4-Chloroaniline	69		54		40-140	24		30
2-Nitroaniline	76		122		52-143	**46**	Q	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLARENCE HOUSE

Project Number: 3178-01

Lab Number: L2163416

Report Date: 12/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1573347-2 WG1573347-3								
3-Nitroaniline	75		90		25-145	18		30
4-Nitroaniline	80		103		51-143	25		30
Dibenzofuran	70		87		40-140	22		30
2-Methylnaphthalene	69		78		40-140	12		30
1,2,4,5-Tetrachlorobenzene	63		88		2-134	**33**	Q	30
Acetophenone	76		78		39-129	3		30
2,4,6-Trichlorophenol	70		111		30-130	**45**	Q	30
p-Chloro-m-cresol	80		**100**	Q	23-97	22		30
2-Chlorophenol	74		71		27-123	4		30
2,4-Dichlorophenol	70		84		30-130	18		30
2,4-Dimethylphenol	72		86		30-130	18		30
2-Nitrophenol	65		73		30-130	12		30
4-Nitrophenol	**86**	Q	**101**	Q	10-80	16		30
2,4-Dinitrophenol	38		65		20-130	**52**	Q	30
4,6-Dinitro-o-cresol	68		95		20-164	**33**	Q	30
Pentachlorophenol	52		90		9-103	**54**	Q	30
Phenol	62		64		12-110	3		30
2-Methylphenol	78		78		30-130	0		30
3-Methylphenol/4-Methylphenol	84		88		30-130	5		30
2,4,5-Trichlorophenol	69		110		30-130	**46**	Q	30
Benzoic Acid	65		67		10-164	3		30
Benzyl Alcohol	78		78		26-116	0		30
Carbazole	77		97		55-144	23		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLARENCE HOUSE

Project Number: 3178-01

Lab Number: L2163416

Report Date: 12/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1573347-2 WG1573347-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	66		61		21-120
Phenol-d6	62		64		10-120
Nitrobenzene-d5	75		78		23-120
2-Fluorobiphenyl	66		90		15-120
2,4,6-Tribromophenol	56		91		10-120
4-Terphenyl-d14	63		94		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLARENCE HOUSE

Project Number: 3178-01

Lab Number: L2163416

Report Date: 12/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1573348-2 WG1573348-3								
Acenaphthene	90		75		40-140	18		40
2-Chloronaphthalene	85		71		40-140	18		40
Fluoranthene	103		88		40-140	16		40
Hexachlorobutadiene	79		66		40-140	18		40
Naphthalene	85		70		40-140	19		40
Benzo(a)anthracene	98		85		40-140	14		40
Benzo(a)pyrene	106		91		40-140	15		40
Benzo(b)fluoranthene	111		96		40-140	14		40
Benzo(k)fluoranthene	101		92		40-140	9		40
Chrysene	95		80		40-140	17		40
Acenaphthylene	86		74		40-140	15		40
Anthracene	97		82		40-140	17		40
Benzo(ghi)perylene	102		82		40-140	22		40
Fluorene	92		79		40-140	15		40
Phenanthrene	95		82		40-140	15		40
Dibenzo(a,h)anthracene	115		93		40-140	21		40
Indeno(1,2,3-cd)pyrene	123		100		40-140	21		40
Pyrene	105		88		40-140	18		40
2-Methylnaphthalene	94		78		40-140	19		40
Pentachlorophenol	76		80		40-140	5		40
Hexachlorobenzene	96		79		40-140	19		40
Hexachloroethane	73		60		40-140	20		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLARENCE HOUSE

Project Number: 3178-01

Lab Number: L2163416

Report Date: 12/03/21

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

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1573348-2 WG1573348-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		68		21-120
Phenol-d6	70		61		10-120
Nitrobenzene-d5	78		65		23-120
2-Fluorobiphenyl	90		76		15-120
2,4,6-Tribromophenol	100		84		10-120
4-Terphenyl-d14	107		90		41-149

METALS

Project Name: 26 CLARENCE HOUSE
Lab Number: L2163416
Project Number: 3178-01
Report Date: 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-01
Client ID: MW-1
Sample Location: BUFFALO, NY
Date Collected: 11/17/21 11:15
Date Received: 11/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.01863		mg/l	0.00050	0.00016	1	11/30/21 17:22	11/30/21 22:42	EPA 3005A	1,6020B	PS
Barium, Total	0.09476		mg/l	0.00050	0.00017	1	11/30/21 17:22	11/30/21 22:42	EPA 3005A	1,6020B	PS
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/30/21 17:22	11/30/21 22:42	EPA 3005A	1,6020B	PS
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	11/30/21 17:22	11/30/21 22:42	EPA 3005A	1,6020B	PS
Chromium, Total	0.00245		mg/l	0.00100	0.00017	1	11/30/21 17:22	11/30/21 22:42	EPA 3005A	1,6020B	PS
Copper, Total	0.00278		mg/l	0.00100	0.00038	1	11/30/21 17:22	11/30/21 22:42	EPA 3005A	1,6020B	PS
Lead, Total	0.01331		mg/l	0.00100	0.00034	1	11/30/21 17:22	11/30/21 22:42	EPA 3005A	1,6020B	PS
Manganese, Total	0.1900		mg/l	0.00100	0.00044	1	11/30/21 17:22	11/30/21 22:42	EPA 3005A	1,6020B	PS
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/30/21 17:09	12/01/21 18:52	EPA 7470A	1,7470A	NB
Nickel, Total	0.00290		mg/l	0.00200	0.00055	1	11/30/21 17:22	11/30/21 22:42	EPA 3005A	1,6020B	PS
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/30/21 17:22	11/30/21 22:42	EPA 3005A	1,6020B	PS
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/30/21 17:22	11/30/21 22:42	EPA 3005A	1,6020B	PS
Zinc, Total	0.02487		mg/l	0.01000	0.00341	1	11/30/21 17:22	11/30/21 22:42	EPA 3005A	1,6020B	PS

Project Name: 26 CLARENCE HOUSE
Lab Number: L2163416
Project Number: 3178-01
Report Date: 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-02
Client ID: MW-2
Sample Location: BUFFALO, NY
Date Collected: 11/17/21 12:00
Date Received: 11/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00281		mg/l	0.00050	0.00016	1	11/30/21 17:22	11/30/21 23:31	EPA 3005A	1,6020B	PS
Barium, Total	0.07089		mg/l	0.00050	0.00017	1	11/30/21 17:22	11/30/21 23:31	EPA 3005A	1,6020B	PS
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/30/21 17:22	11/30/21 23:31	EPA 3005A	1,6020B	PS
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	11/30/21 17:22	11/30/21 23:31	EPA 3005A	1,6020B	PS
Chromium, Total	0.00237		mg/l	0.00100	0.00017	1	11/30/21 17:22	11/30/21 23:31	EPA 3005A	1,6020B	PS
Copper, Total	0.00370		mg/l	0.00100	0.00038	1	11/30/21 17:22	11/30/21 23:31	EPA 3005A	1,6020B	PS
Lead, Total	0.03116		mg/l	0.00100	0.00034	1	11/30/21 17:22	11/30/21 23:31	EPA 3005A	1,6020B	PS
Manganese, Total	0.1726		mg/l	0.00100	0.00044	1	11/30/21 17:22	11/30/21 23:31	EPA 3005A	1,6020B	PS
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/30/21 17:09	12/01/21 18:55	EPA 7470A	1,7470A	NB
Nickel, Total	0.00945		mg/l	0.00200	0.00055	1	11/30/21 17:22	11/30/21 23:31	EPA 3005A	1,6020B	PS
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/30/21 17:22	11/30/21 23:31	EPA 3005A	1,6020B	PS
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/30/21 17:22	11/30/21 23:31	EPA 3005A	1,6020B	PS
Zinc, Total	0.04175		mg/l	0.01000	0.00341	1	11/30/21 17:22	11/30/21 23:31	EPA 3005A	1,6020B	PS

Project Name: 26 CLARENCE HOUSE
Lab Number: L2163416
Project Number: 3178-01
Report Date: 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-03
Client ID: MW-3
Sample Location: BUFFALO, NY
Date Collected: 11/17/21 14:00
Date Received: 11/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00312		mg/l	0.00050	0.00016	1	11/30/21 17:22	11/30/21 23:35	EPA 3005A	1,6020B	PS
Barium, Total	0.06093		mg/l	0.00050	0.00017	1	11/30/21 17:22	11/30/21 23:35	EPA 3005A	1,6020B	PS
Beryllium, Total	0.00024	J	mg/l	0.00050	0.00010	1	11/30/21 17:22	11/30/21 23:35	EPA 3005A	1,6020B	PS
Cadmium, Total	0.00064		mg/l	0.00020	0.00005	1	11/30/21 17:22	11/30/21 23:35	EPA 3005A	1,6020B	PS
Chromium, Total	0.06328		mg/l	0.00100	0.00017	1	11/30/21 17:22	11/30/21 23:35	EPA 3005A	1,6020B	PS
Copper, Total	0.03118		mg/l	0.00100	0.00038	1	11/30/21 17:22	11/30/21 23:35	EPA 3005A	1,6020B	PS
Lead, Total	0.02953		mg/l	0.00100	0.00034	1	11/30/21 17:22	11/30/21 23:35	EPA 3005A	1,6020B	PS
Manganese, Total	0.2951		mg/l	0.00100	0.00044	1	11/30/21 17:22	11/30/21 23:35	EPA 3005A	1,6020B	PS
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/30/21 17:09	12/01/21 18:59	EPA 7470A	1,7470A	NB
Nickel, Total	0.05472		mg/l	0.00200	0.00055	1	11/30/21 17:22	11/30/21 23:35	EPA 3005A	1,6020B	PS
Selenium, Total	0.00513		mg/l	0.00500	0.00173	1	11/30/21 17:22	11/30/21 23:35	EPA 3005A	1,6020B	PS
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/30/21 17:22	11/30/21 23:35	EPA 3005A	1,6020B	PS
Zinc, Total	0.07116		mg/l	0.01000	0.00341	1	11/30/21 17:22	11/30/21 23:35	EPA 3005A	1,6020B	PS

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01
Lab Number: L2163416
Report Date: 12/03/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1577140-1										
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	11/30/21 17:22	11/30/21 22:57	1,6020B	PS
Barium, Total	ND		mg/l	0.00050	0.00017	1	11/30/21 17:22	11/30/21 22:57	1,6020B	PS
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/30/21 17:22	11/30/21 22:57	1,6020B	PS
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	11/30/21 17:22	11/30/21 22:57	1,6020B	PS
Chromium, Total	0.00030	J	mg/l	0.00100	0.00017	1	11/30/21 17:22	11/30/21 22:57	1,6020B	PS
Copper, Total	ND		mg/l	0.00100	0.00038	1	11/30/21 17:22	11/30/21 22:57	1,6020B	PS
Lead, Total	ND		mg/l	0.00100	0.00034	1	11/30/21 17:22	11/30/21 22:57	1,6020B	PS
Manganese, Total	ND		mg/l	0.00100	0.00044	1	11/30/21 17:22	11/30/21 22:57	1,6020B	PS
Nickel, Total	ND		mg/l	0.00200	0.00055	1	11/30/21 17:22	11/30/21 22:57	1,6020B	PS
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/30/21 17:22	11/30/21 22:57	1,6020B	PS
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/30/21 17:22	11/30/21 22:57	1,6020B	PS
Zinc, Total	ND		mg/l	0.01000	0.00341	1	11/30/21 17:22	11/30/21 22:57	1,6020B	PS

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1577142-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/30/21 17:09	12/01/21 18:36	1,7470A	NB

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLARENCE HOUSE

Project Number: 3178-01

Lab Number: L2163416

Report Date: 12/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1577140-2								
Arsenic, Total	96		-		80-120	-		
Barium, Total	97		-		80-120	-		
Beryllium, Total	94		-		80-120	-		
Cadmium, Total	96		-		80-120	-		
Chromium, Total	92		-		80-120	-		
Copper, Total	99		-		80-120	-		
Lead, Total	96		-		80-120	-		
Manganese, Total	95		-		80-120	-		
Nickel, Total	96		-		80-120	-		
Selenium, Total	89		-		80-120	-		
Silver, Total	100		-		80-120	-		
Zinc, Total	92		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1577142-2								
Mercury, Total	100		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01

Lab Number: L2163416
Report Date: 12/03/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1577140-3 QC Sample: L2165156-08 Client ID: MS Sample												
Arsenic, Total	0.01238	0.12	0.1240	93		-	-		75-125	-		20
Barium, Total	0.3834	2	2.307	96		-	-		75-125	-		20
Beryllium, Total	0.0003J	0.05	0.04789	96		-	-		75-125	-		20
Cadmium, Total	0.00013J	0.053	0.05102	96		-	-		75-125	-		20
Chromium, Total	0.01063	0.2	0.1993	94		-	-		75-125	-		20
Copper, Total	0.0126	0.25	0.2611	99		-	-		75-125	-		20
Lead, Total	0.02337	0.53	0.5344	96		-	-		75-125	-		20
Manganese, Total	1.127	0.5	1.563	87		-	-		75-125	-		20
Nickel, Total	0.0147	0.5	0.4998	97		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.104	87		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05124	102		-	-		75-125	-		20
Zinc, Total	0.0438	0.5	0.5184	95		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1577142-3 QC Sample: L2165156-09 Client ID: MS Sample												
Mercury, Total	0.00022	0.005	0.00491	94		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01

Lab Number: L2163416
Report Date: 12/03/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1577140-4 QC Sample: L2165156-08 Client ID: DUP Sample						
Arsenic, Total	0.01238	0.01218	mg/l	2		20
Barium, Total	0.3834	0.3782	mg/l	1		20
Cadmium, Total	0.00013J	0.00013J	mg/l	NC		20
Chromium, Total	0.01063	0.01036	mg/l	3		20
Lead, Total	0.02337	0.02307	mg/l	1		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1577142-4 QC Sample: L2165156-09 Client ID: DUP Sample						
Mercury, Total	0.00022	0.00020	mg/l	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01

Lab Number: L2163416
Report Date: 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-01
Client ID: MW-1
Sample Location: BUFFALO, NY

Sample Depth:
Matrix: Water

Date Collected: 11/17/21 11:15
Date Received: 11/17/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/01/21 04:30	12/01/21 11:50	1,9010C/9012B	CS

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01

Lab Number: L2163416
Report Date: 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-02
Client ID: MW-2
Sample Location: BUFFALO, NY

Date Collected: 11/17/21 12:00
Date Received: 11/17/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/01/21 04:30	12/01/21 11:51	1,9010C/9012B	CS

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01

Lab Number: L2163416
Report Date: 12/03/21

SAMPLE RESULTS

Lab ID: L2163416-03
Client ID: MW-3
Sample Location: BUFFALO, NY

Sample Depth:
Matrix: Water

Date Collected: 11/17/21 14:00
Date Received: 11/17/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/01/21 04:30	12/01/21 11:52	1,9010C/9012B	CS

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01
Lab Number: L2163416
Report Date: 12/03/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG1577438-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/01/21 04:30	12/01/21 11:46	1,9010C/9012B	CS

Lab Control Sample Analysis

Batch Quality Control

Project Name: 26 CLARENCE HOUSE

Project Number: 3178-01

Lab Number: L2163416

Report Date: 12/03/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG1577438-2 WG1577438-3								
Cyanide, Total	87		95		85-115	9		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01

Lab Number: L2163416
Report Date: 12/03/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1577438-4 WG1577438-5 QC Sample: L2164332-12 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.151	**76**	Q	0.204	102		80-120	**30**	Q	20

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01

Lab Number: L2163416
Report Date: 12/03/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2163416-01A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2163416-01B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2163416-01C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2163416-01D	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2163416-01E	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2163416-01F	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2163416-01X	Plastic 250ml NaOH preserved split	A	7	>12	3.3	N	Absent		TCN-9010(14)
L2163416-02A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2163416-02B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2163416-02C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2163416-02D	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2163416-02E	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2163416-02F	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2163416-02X	Plastic 250ml NaOH preserved split	A	7	>12	3.3	N	Absent		TCN-9010(14)
L2163416-03A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2163416-03B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2163416-03C	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 26 CLARENCE HOUSE
Project Number: 3178-01

Lab Number: L2163416
Report Date: 12/03/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2163416-03D	Plastic 250ml HNO3 preserved	A	<2	<2	3.3	Y	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2163416-03E	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2163416-03F	Amber 250ml unpreserved	A	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2163416-03X	Plastic 250ml NaOH preserved split	A	7	>12	3.3	N	Absent		TCN-9010(14)
L2163416-04A	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)
L2163416-04B	Vial HCl preserved	A	NA		3.3	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	26 CLARENCE HOUSE	**Lab Number:**	L2163416
Project Number:	3178-01	**Report Date:**	12/03/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	26 CLARENCE HOUSE	**Lab Number:**	L2163416
Project Number:	3178-01	**Report Date:**	12/03/21

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	26 CLARENCE HOUSE	**Lab Number:**	L2163416
Project Number:	3178-01	**Report Date:**	12/03/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	26 CLARENCE HOUSE	**Lab Number:**	L2163416
Project Number:	3178-01	**Report Date:**	12/03/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 11/18/21

ALPHA Job #: L2163416

Client Information
Client: Alliance Environmental
Address: 100 Fisherson Blvd (group) Warwick, RI 02888
Phone: 401-732-7600
Fax:
Email: tim.nevins@fwwebb.com

Project Information
Project Name: 26 Clarence Ave
Project Location: Buffalo, NY
Project # 3178-01
(Use Project name as Project #) ☐
Project Manager: Tim Nevins
ALPHAQuote #:

Turn-Around Time
Standard ☒ 5 days Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☒ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO # 113-0347-9725

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
- NYSDEC CP-51 + 6 NYCRR Part 375 - Residential + Industrial Criteria
(LM) ~~Soil cuttings + Purge water for IDW predisposal characterization~~

Please specify Metals or TAL.

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8270-LVI	Total Hg metals	NYTCL-8260	NYTCL-8082-LVI	TPH-DRO	TPH-GRO	NYTCL-8082, TPH-DRO, TCLP-ABNs	Total Hg Total metals	TS	TPH-GRO, TCLP-VOA TCLP-EXT-TIC	Sample Specific Comments	Total Bottle
6391601	MW-1	11/17/21	11:15	GW	LM	X	X	X									6
02	MW-2	11/17/21	12:00	GW	LM	X	X	X									6
03	MW-3	11/17/21	14:00	GW	LM	X	X	X									6
04	Trip Blank	11/17/21	9:30	GW	LM			X									2
(LM)	~~Purge Water~~	11/17/21	10:30	GW	LM	X	X	X	X	X	X						13 (LM)
(LM)	~~Soil Cuttings~~ moved to separate chain	11/17/21	9:55	SO	LM							X	X	X	X		5

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	A	P	V	A	~~A~~ (LM)	V	A	A	P	A		
Preservative	A	C	B	A	A	~~B~~	A	A	A	A		

Relinquished By:	Date/Time	Received By:	Date/Time
	11/17/21 14:45		11/17/21 14:45
	11/17/21 1505		11/18/21 0050

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

APPENDIX F

Soil Vapor and Indoor Air Laboratory Analytical Reports

ANALYTICAL REPORT

Lab Number:	L2159157
Client:	Alliance Environmental Group 100 Jefferson Boulevard Suite 220 Warwick, RI 02888
ATTN:	Tim Nevins
Phone:	(401) 732-7600
Project Name:	24+26 CLARENCE AVE
Project Number:	3162-01
Report Date:	11/04/21

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

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

Project Name: 24+26 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2159157
Report Date: 11/04/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2159157-01	VMP-4	SOIL_VAPOR	BUFFALO, NY	10/28/21 09:55	10/28/21
L2159157-02	VMP-3	SOIL_VAPOR	BUFFALO, NY	10/28/21 09:56	10/28/21
L2159157-03	VMP-1	SOIL_VAPOR	BUFFALO, NY	10/28/21 10:48	10/28/21
L2159157-04	VMP-2	SOIL_VAPOR	BUFFALO, NY	10/28/21 10:49	10/28/21
L2159157-05	UNUSED_CAN249	SOIL_VAPOR	BUFFALO, NY		10/28/21

Project Name:	24+26 CLARENCE AVE	**Lab Number:**	L2159157
Project Number:	3162-01	**Report Date:**	11/04/21

Case Narrative

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

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

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

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

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

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

Project Name: 24+26 CLARENCE AVE **Lab Number:** L2159157
Project Number: 3162-01 **Report Date:** 11/04/21

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on October 22, 2021. The canister certification results are provided as an addendum.

L2159157-01D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2159157-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2159157-03D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2159157-03D2: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2159157-04D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen. The pressurization resulted in a dilution of the sample. The reporting limits have been elevated accordingly.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 11/04/21

AIR

Project Name: 24+26 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2159157
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2159157-01 D
Client ID: VMP-4
Sample Location: BUFFALO, NY

Date Collected: 10/28/21 09:55
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/04/21 09:02
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	16.6	--	ND	82.1	--		82.78
Chloromethane	ND	16.6	--	ND	34.3	--		82.78
Freon-114	ND	16.6	--	ND	116	--		82.78
Vinyl chloride	ND	16.6	--	ND	42.4	--		82.78
1,3-Butadiene	ND	16.6	--	ND	36.7	--		82.78
Bromomethane	ND	16.6	--	ND	64.5	--		82.78
Chloroethane	ND	16.6	--	ND	43.8	--		82.78
Ethanol	ND	414	--	ND	780	--		82.78
Vinyl bromide	ND	16.6	--	ND	72.6	--		82.78
Acetone	ND	82.8	--	ND	197	--		82.78
Trichlorofluoromethane	ND	16.6	--	ND	93.3	--		82.78
Isopropanol	131	41.4	--	322	102	--		82.78
1,1-Dichloroethene	ND	16.6	--	ND	65.8	--		82.78
Tertiary butyl Alcohol	ND	41.4	--	ND	126	--		82.78
Methylene chloride	ND	41.4	--	ND	144	--		82.78
3-Chloropropene	ND	16.6	--	ND	52.0	--		82.78
Carbon disulfide	ND	16.6	--	ND	51.7	--		82.78
Freon-113	97.2	16.6	--	745	127	--		82.78
trans-1,2-Dichloroethene	50.5	16.6	--	200	65.8	--		82.78
1,1-Dichloroethane	1180	16.6	--	4780	67.2	--		82.78
Methyl tert butyl ether	ND	16.6	--	ND	59.8	--		82.78
2-Butanone	ND	41.4	--	ND	122	--		82.78
cis-1,2-Dichloroethene	129	16.6	--	511	65.8	--		82.78

Project Name: 24+26 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2159157
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2159157-01 D
Client ID: VMP-4
Sample Location: BUFFALO, NY

Date Collected: 10/28/21 09:55
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	41.4	--	ND	149	--		82.78
Chloroform	80.0	16.6	--	391	81.1	--		82.78
Tetrahydrofuran	ND	41.4	--	ND	122	--		82.78
1,2-Dichloroethane	ND	16.6	--	ND	67.2	--		82.78
n-Hexane	ND	16.6	--	ND	58.5	--		82.78
1,1,1-Trichloroethane	2750	16.6	--	15000	90.6	--		82.78
Benzene	ND	16.6	--	ND	53.0	--		82.78
Carbon tetrachloride	ND	16.6	--	ND	104	--		82.78
Cyclohexane	ND	16.6	--	ND	57.1	--		82.78
1,2-Dichloropropane	ND	16.6	--	ND	76.7	--		82.78
Bromodichloromethane	ND	16.6	--	ND	111	--		82.78
1,4-Dioxane	ND	16.6	--	ND	59.8	--		82.78
Trichloroethene	1190	16.6	--	6400	89.2	--		82.78
2,2,4-Trimethylpentane	ND	16.6	--	ND	77.5	--		82.78
Heptane	ND	16.6	--	ND	68.0	--		82.78
cis-1,3-Dichloropropene	ND	16.6	--	ND	75.4	--		82.78
4-Methyl-2-pentanone	ND	41.4	--	ND	170	--		82.78
trans-1,3-Dichloropropene	ND	16.6	--	ND	75.4	--		82.78
1,1,2-Trichloroethane	ND	16.6	--	ND	90.6	--		82.78
Toluene	ND	16.6	--	ND	62.6	--		82.78
2-Hexanone	ND	16.6	--	ND	68.0	--		82.78
Dibromochloromethane	ND	16.6	--	ND	141	--		82.78
1,2-Dibromoethane	ND	16.6	--	ND	128	--		82.78
Tetrachloroethene	5160	16.6	--	35000	113	--		82.78
Chlorobenzene	ND	16.6	--	ND	76.4	--		82.78
Ethylbenzene	ND	16.6	--	ND	72.1	--		82.78

Project Name: 24+26 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2159157
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2159157-01 D
Client ID: VMP-4
Sample Location: BUFFALO, NY

Date Collected: 10/28/21 09:55
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	33.1	--	ND	144	--		82.78
Bromoform	ND	16.6	--	ND	172	--		82.78
Styrene	ND	16.6	--	ND	70.7	--		82.78
1,1,2,2-Tetrachloroethane	ND	16.6	--	ND	114	--		82.78
o-Xylene	ND	16.6	--	ND	72.1	--		82.78
4-Ethyltoluene	ND	16.6	--	ND	81.6	--		82.78
1,3,5-Trimethylbenzene	ND	16.6	--	ND	81.6	--		82.78
1,2,4-Trimethylbenzene	ND	16.6	--	ND	81.6	--		82.78
Benzyl chloride	ND	16.6	--	ND	86.0	--		82.78
1,3-Dichlorobenzene	ND	16.6	--	ND	99.8	--		82.78
1,4-Dichlorobenzene	ND	16.6	--	ND	99.8	--		82.78
1,2-Dichlorobenzene	ND	16.6	--	ND	99.8	--		82.78
1,2,4-Trichlorobenzene	ND	16.6	--	ND	123	--		82.78
Hexachlorobutadiene	ND	16.6	--	ND	177	--		82.78

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	95		60-140

Project Name: 24+26 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2159157
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2159157-02 D
Client ID: VMP-3
Sample Location: BUFFALO, NY

Date Collected: 10/28/21 09:56
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/04/21 05:46
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	4.86	--	ND	24.0	--		24.3
Chloromethane	ND	4.86	--	ND	10.0	--		24.3
Freon-114	ND	4.86	--	ND	34.0	--		24.3
Vinyl chloride	ND	4.86	--	ND	12.4	--		24.3
1,3-Butadiene	ND	4.86	--	ND	10.8	--		24.3
Bromomethane	ND	4.86	--	ND	18.9	--		24.3
Chloroethane	ND	4.86	--	ND	12.8	--		24.3
Ethanol	ND	122	--	ND	230	--		24.3
Vinyl bromide	ND	4.86	--	ND	21.2	--		24.3
Acetone	ND	24.3	--	ND	57.7	--		24.3
Trichlorofluoromethane	ND	4.86	--	ND	27.3	--		24.3
Isopropanol	2800	12.2	--	6880	30.0	--		24.3
1,1-Dichloroethene	ND	4.86	--	ND	19.3	--		24.3
Tertiary butyl Alcohol	ND	12.2	--	ND	37.0	--		24.3
Methylene chloride	ND	12.2	--	ND	42.4	--		24.3
3-Chloropropene	ND	4.86	--	ND	15.2	--		24.3
Carbon disulfide	ND	4.86	--	ND	15.1	--		24.3
Freon-113	24.4	4.86	--	187	37.3	--		24.3
trans-1,2-Dichloroethene	40.4	4.86	--	160	19.3	--		24.3
1,1-Dichloroethane	337	4.86	--	1360	19.7	--		24.3
Methyl tert butyl ether	ND	4.86	--	ND	17.5	--		24.3
2-Butanone	ND	12.2	--	ND	36.0	--		24.3
cis-1,2-Dichloroethene	173	4.86	--	686	19.3	--		24.3

Project Name: 24+26 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2159157
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2159157-02 D
Client ID: VMP-3
Sample Location: BUFFALO, NY

Date Collected: 10/28/21 09:56
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	12.2	--	ND	44.0	--		24.3
Chloroform	8.07	4.86	--	39.4	23.7	--		24.3
Tetrahydrofuran	ND	12.2	--	ND	36.0	--		24.3
1,2-Dichloroethane	ND	4.86	--	ND	19.7	--		24.3
n-Hexane	42.7	4.86	--	150	17.1	--		24.3
1,1,1-Trichloroethane	546	4.86	--	2980	26.5	--		24.3
Benzene	ND	4.86	--	ND	15.5	--		24.3
Carbon tetrachloride	ND	4.86	--	ND	30.6	--		24.3
Cyclohexane	19.2	4.86	--	66.1	16.7	--		24.3
1,2-Dichloropropane	ND	4.86	--	ND	22.5	--		24.3
Bromodichloromethane	ND	4.86	--	ND	32.6	--		24.3
1,4-Dioxane	ND	4.86	--	ND	17.5	--		24.3
Trichloroethene	1300	4.86	--	6990	26.1	--		24.3
2,2,4-Trimethylpentane	ND	4.86	--	ND	22.7	--		24.3
Heptane	25.4	4.86	--	104	19.9	--		24.3
cis-1,3-Dichloropropene	ND	4.86	--	ND	22.1	--		24.3
4-Methyl-2-pentanone	ND	12.2	--	ND	50.0	--		24.3
trans-1,3-Dichloropropene	ND	4.86	--	ND	22.1	--		24.3
1,1,2-Trichloroethane	ND	4.86	--	ND	26.5	--		24.3
Toluene	ND	4.86	--	ND	18.3	--		24.3
2-Hexanone	ND	4.86	--	ND	19.9	--		24.3
Dibromochloromethane	ND	4.86	--	ND	41.4	--		24.3
1,2-Dibromoethane	ND	4.86	--	ND	37.3	--		24.3
Tetrachloroethene	512	4.86	--	3470	33.0	--		24.3
Chlorobenzene	ND	4.86	--	ND	22.4	--		24.3
Ethylbenzene	ND	4.86	--	ND	21.1	--		24.3

Project Name: 24+26 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2159157
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2159157-02 D
Client ID: VMP-3
Sample Location: BUFFALO, NY

Date Collected: 10/28/21 09:56
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	9.72	--	ND	42.2	--		24.3
Bromoform	ND	4.86	--	ND	50.2	--		24.3
Styrene	ND	4.86	--	ND	20.7	--		24.3
1,1,2,2-Tetrachloroethane	ND	4.86	--	ND	33.4	--		24.3
o-Xylene	ND	4.86	--	ND	21.1	--		24.3
4-Ethyltoluene	ND	4.86	--	ND	23.9	--		24.3
1,3,5-Trimethylbenzene	ND	4.86	--	ND	23.9	--		24.3
1,2,4-Trimethylbenzene	ND	4.86	--	ND	23.9	--		24.3
Benzyl chloride	ND	4.86	--	ND	25.2	--		24.3
1,3-Dichlorobenzene	ND	4.86	--	ND	29.2	--		24.3
1,4-Dichlorobenzene	ND	4.86	--	ND	29.2	--		24.3
1,2-Dichlorobenzene	ND	4.86	--	ND	29.2	--		24.3
1,2,4-Trichlorobenzene	ND	4.86	--	ND	36.1	--		24.3
Hexachlorobutadiene	ND	4.86	--	ND	51.8	--		24.3

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	95		60-140

Project Name: 24+26 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2159157
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2159157-03 D
Client ID: VMP-1
Sample Location: BUFFALO, NY

Date Collected: 10/28/21 10:48
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/04/21 06:26
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	7.43	6.27	--	36.7	31.0	--		31.37
Chloromethane	ND	6.27	--	ND	12.9	--		31.37
Freon-114	ND	6.27	--	ND	43.8	--		31.37
Vinyl chloride	ND	6.27	--	ND	16.0	--		31.37
1,3-Butadiene	ND	6.27	--	ND	13.9	--		31.37
Bromomethane	ND	6.27	--	ND	24.3	--		31.37
Chloroethane	ND	6.27	--	ND	16.5	--		31.37
Ethanol	354	157	--	667	296	--		31.37
Vinyl bromide	ND	6.27	--	ND	27.4	--		31.37
Acetone	ND	31.4	--	ND	74.6	--		31.37
Trichlorofluoromethane	ND	6.27	--	ND	35.2	--		31.37
Isopropanol	187	15.7	--	460	38.6	--		31.37
1,1-Dichloroethene	14.2	6.27	--	56.3	24.9	--		31.37
Tertiary butyl Alcohol	ND	15.7	--	ND	47.6	--		31.37
Methylene chloride	ND	15.7	--	ND	54.5	--		31.37
3-Chloropropene	ND	6.27	--	ND	19.6	--		31.37
Carbon disulfide	ND	6.27	--	ND	19.5	--		31.37
Freon-113	251	6.27	--	1920	48.1	--		31.37
trans-1,2-Dichloroethene	59.2	6.27	--	235	24.9	--		31.37
1,1-Dichloroethane	167	6.27	--	676	25.4	--		31.37
Methyl tert butyl ether	ND	6.27	--	ND	22.6	--		31.37
2-Butanone	ND	15.7	--	ND	46.3	--		31.37
cis-1,2-Dichloroethene	960	6.27	--	3810	24.9	--		31.37

Project Name: 24+26 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2159157
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2159157-03 D
Client ID: VMP-1
Sample Location: BUFFALO, NY

Date Collected: 10/28/21 10:48
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	15.7	--	ND	56.6	--		31.37
Chloroform	16.2	6.27	--	79.1	30.6	--		31.37
Tetrahydrofuran	ND	15.7	--	ND	46.3	--		31.37
1,2-Dichloroethane	ND	6.27	--	ND	25.4	--		31.37
n-Hexane	ND	6.27	--	ND	22.1	--		31.37
1,1,1-Trichloroethane	438	6.27	--	2390	34.2	--		31.37
Benzene	ND	6.27	--	ND	20.0	--		31.37
Carbon tetrachloride	ND	6.27	--	ND	39.4	--		31.37
Cyclohexane	ND	6.27	--	ND	21.6	--		31.37
1,2-Dichloropropane	ND	6.27	--	ND	29.0	--		31.37
Bromodichloromethane	ND	6.27	--	ND	42.0	--		31.37
1,4-Dioxane	ND	6.27	--	ND	22.6	--		31.37
Trichloroethene	4810	6.27	--	25900	33.7	--	E	31.37
2,2,4-Trimethylpentane	ND	6.27	--	ND	29.3	--		31.37
Heptane	40.8	6.27	--	167	25.7	--		31.37
cis-1,3-Dichloropropene	ND	6.27	--	ND	28.5	--		31.37
4-Methyl-2-pentanone	ND	15.7	--	ND	64.3	--		31.37
trans-1,3-Dichloropropene	ND	6.27	--	ND	28.5	--		31.37
1,1,2-Trichloroethane	ND	6.27	--	ND	34.2	--		31.37
Toluene	21.9	6.27	--	82.5	23.6	--		31.37
2-Hexanone	ND	6.27	--	ND	25.7	--		31.37
Dibromochloromethane	ND	6.27	--	ND	53.4	--		31.37
1,2-Dibromoethane	ND	6.27	--	ND	48.2	--		31.37
Tetrachloroethene	8500	6.27	--	57600	42.5	--	E	31.37
Chlorobenzene	ND	6.27	--	ND	28.9	--		31.37
Ethylbenzene	ND	6.27	--	ND	27.2	--		31.37

Project Name: 24+26 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2159157
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2159157-03 D
Client ID: VMP-1
Sample Location: BUFFALO, NY

Date Collected: 10/28/21 10:48
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	12.5	--	ND	54.3	--		31.37
Bromoform	ND	6.27	--	ND	64.8	--		31.37
Styrene	ND	6.27	--	ND	26.7	--		31.37
1,1,2,2-Tetrachloroethane	ND	6.27	--	ND	43.1	--		31.37
o-Xylene	ND	6.27	--	ND	27.2	--		31.37
4-Ethyltoluene	ND	6.27	--	ND	30.8	--		31.37
1,3,5-Trimethylbenzene	ND	6.27	--	ND	30.8	--		31.37
1,2,4-Trimethylbenzene	ND	6.27	--	ND	30.8	--		31.37
Benzyl chloride	ND	6.27	--	ND	32.5	--		31.37
1,3-Dichlorobenzene	ND	6.27	--	ND	37.7	--		31.37
1,4-Dichlorobenzene	ND	6.27	--	ND	37.7	--		31.37
1,2-Dichlorobenzene	ND	6.27	--	ND	37.7	--		31.37
1,2,4-Trichlorobenzene	ND	6.27	--	ND	46.5	--		31.37
Hexachlorobutadiene	ND	6.27	--	ND	66.9	--		31.37

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	99		60-140

Project Name: 24+26 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2159157
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2159157-03 D2
Client ID: VMP-1
Sample Location: BUFFALO, NY

Date Collected: 10/28/21 10:48
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/04/21 10:59
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	4400	62.5	--	23600	336	--		312.5
Tetrachloroethene	13200	62.5	--	89500	424	--		312.5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	98		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	94		60-140

Project Name: 24+26 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2159157
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2159157-04 D
Client ID: VMP-2
Sample Location: BUFFALO, NY

Date Collected: 10/28/21 10:49
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 11/04/21 09:41
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.314	0.307	--	1.55	1.52	--		1.533
Chloromethane	0.400	0.307	--	0.826	0.634	--		1.533
Freon-114	ND	0.307	--	ND	2.15	--		1.533
Vinyl chloride	ND	0.307	--	ND	0.785	--		1.533
1,3-Butadiene	ND	0.307	--	ND	0.679	--		1.533
Bromomethane	ND	0.307	--	ND	1.19	--		1.533
Chloroethane	ND	0.307	--	ND	0.810	--		1.533
Ethanol	ND	7.66	--	ND	14.4	--		1.533
Vinyl bromide	ND	0.307	--	ND	1.34	--		1.533
Acetone	ND	1.53	--	ND	3.63	--		1.533
Trichlorofluoromethane	ND	0.307	--	ND	1.73	--		1.533
Isopropanol	ND	0.766	--	ND	1.88	--		1.533
1,1-Dichloroethene	ND	0.307	--	ND	1.22	--		1.533
Tertiary butyl Alcohol	ND	0.766	--	ND	2.32	--		1.533
Methylene chloride	ND	0.766	--	ND	2.66	--		1.533
3-Chloropropene	ND	0.307	--	ND	0.961	--		1.533
Carbon disulfide	ND	0.307	--	ND	0.956	--		1.533
Freon-113	ND	0.307	--	ND	2.35	--		1.533
trans-1,2-Dichloroethene	ND	0.307	--	ND	1.22	--		1.533
1,1-Dichloroethane	ND	0.307	--	ND	1.24	--		1.533
Methyl tert butyl ether	ND	0.307	--	ND	1.11	--		1.533
2-Butanone	ND	0.766	--	ND	2.26	--		1.533
cis-1,2-Dichloroethene	ND	0.307	--	ND	1.22	--		1.533

Project Name: 24+26 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2159157
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2159157-04 D
Client ID: VMP-2
Sample Location: BUFFALO, NY

Date Collected: 10/28/21 10:49
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.766	--	ND	2.76	--		1.533
Chloroform	ND	0.307	--	ND	1.50	--		1.533
Tetrahydrofuran	ND	0.766	--	ND	2.26	--		1.533
1,2-Dichloroethane	ND	0.307	--	ND	1.24	--		1.533
n-Hexane	ND	0.307	--	ND	1.08	--		1.533
1,1,1-Trichloroethane	ND	0.307	--	ND	1.68	--		1.533
Benzene	ND	0.307	--	ND	0.981	--		1.533
Carbon tetrachloride	ND	0.307	--	ND	1.93	--		1.533
Cyclohexane	ND	0.307	--	ND	1.06	--		1.533
1,2-Dichloropropane	ND	0.307	--	ND	1.42	--		1.533
Bromodichloromethane	ND	0.307	--	ND	2.06	--		1.533
1,4-Dioxane	ND	0.307	--	ND	1.11	--		1.533
Trichloroethene	ND	0.307	--	ND	1.65	--		1.533
2,2,4-Trimethylpentane	ND	0.307	--	ND	1.43	--		1.533
Heptane	ND	0.307	--	ND	1.26	--		1.533
cis-1,3-Dichloropropene	ND	0.307	--	ND	1.39	--		1.533
4-Methyl-2-pentanone	ND	0.766	--	ND	3.14	--		1.533
trans-1,3-Dichloropropene	ND	0.307	--	ND	1.39	--		1.533
1,1,2-Trichloroethane	ND	0.307	--	ND	1.68	--		1.533
Toluene	ND	0.307	--	ND	1.16	--		1.533
2-Hexanone	ND	0.307	--	ND	1.26	--		1.533
Dibromochloromethane	ND	0.307	--	ND	2.62	--		1.533
1,2-Dibromoethane	ND	0.307	--	ND	2.36	--		1.533
Tetrachloroethene	ND	0.307	--	ND	2.08	--		1.533
Chlorobenzene	ND	0.307	--	ND	1.41	--		1.533
Ethylbenzene	ND	0.307	--	ND	1.33	--		1.533

Project Name: 24+26 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2159157
Report Date: 11/04/21

SAMPLE RESULTS

Lab ID: L2159157-04 D
Client ID: VMP-2
Sample Location: BUFFALO, NY

Date Collected: 10/28/21 10:49
Date Received: 10/28/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.613	--	ND	2.66	--		1.533
Bromoform	ND	0.307	--	ND	3.17	--		1.533
Styrene	ND	0.307	--	ND	1.31	--		1.533
1,1,2,2-Tetrachloroethane	ND	0.307	--	ND	2.11	--		1.533
o-Xylene	ND	0.307	--	ND	1.33	--		1.533
4-Ethyltoluene	ND	0.307	--	ND	1.51	--		1.533
1,3,5-Trimethylbenzene	ND	0.307	--	ND	1.51	--		1.533
1,2,4-Trimethylbenzene	ND	0.307	--	ND	1.51	--		1.533
Benzyl chloride	ND	0.307	--	ND	1.59	--		1.533
1,3-Dichlorobenzene	ND	0.307	--	ND	1.85	--		1.533
1,4-Dichlorobenzene	ND	0.307	--	ND	1.85	--		1.533
1,2-Dichlorobenzene	ND	0.307	--	ND	1.85	--		1.533
1,2,4-Trichlorobenzene	ND	0.307	--	ND	2.28	--		1.533
Hexachlorobutadiene	ND	0.307	--	ND	3.27	--		1.533

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	93		60-140

Project Name: 24+26 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2159157
Report Date: 11/04/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/03/21 16:16

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1566809-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 24+26 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2159157
Report Date: 11/04/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/03/21 16:16

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1566809-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 24+26 CLARENCE AVE
Project Number: 3162-01
Lab Number: L2159157
Report Date: 11/04/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/03/21 16:16

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1566809-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 24+26 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2159157

Report Date: 11/04/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1566809-3								
Dichlorodifluoromethane	92		-		70-130	-		
Chloromethane	96		-		70-130	-		
Freon-114	100		-		70-130	-		
Vinyl chloride	101		-		70-130	-		
1,3-Butadiene	102		-		70-130	-		
Bromomethane	102		-		70-130	-		
Chloroethane	99		-		70-130	-		
Ethanol	89		-		40-160	-		
Vinyl bromide	95		-		70-130	-		
Acetone	90		-		40-160	-		
Trichlorofluoromethane	90		-		70-130	-		
Isopropanol	84		-		40-160	-		
1,1-Dichloroethene	100		-		70-130	-		
Tertiary butyl Alcohol	87		-		70-130	-		
Methylene chloride	96		-		70-130	-		
3-Chloropropene	102		-		70-130	-		
Carbon disulfide	90		-		70-130	-		
Freon-113	88		-		70-130	-		
trans-1,2-Dichloroethene	90		-		70-130	-		
1,1-Dichloroethane	89		-		70-130	-		
Methyl tert butyl ether	86		-		70-130	-		
2-Butanone	92		-		70-130	-		
cis-1,2-Dichloroethene	92		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 24+26 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2159157

Report Date: 11/04/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1566809-3								
Ethyl Acetate	97		-		70-130	-		
Chloroform	92		-		70-130	-		
Tetrahydrofuran	88		-		70-130	-		
1,2-Dichloroethane	87		-		70-130	-		
n-Hexane	98		-		70-130	-		
1,1,1-Trichloroethane	92		-		70-130	-		
Benzene	97		-		70-130	-		
Carbon tetrachloride	94		-		70-130	-		
Cyclohexane	97		-		70-130	-		
1,2-Dichloropropane	100		-		70-130	-		
Bromodichloromethane	101		-		70-130	-		
1,4-Dioxane	96		-		70-130	-		
Trichloroethene	94		-		70-130	-		
2,2,4-Trimethylpentane	98		-		70-130	-		
Heptane	98		-		70-130	-		
cis-1,3-Dichloropropene	106		-		70-130	-		
4-Methyl-2-pentanone	105		-		70-130	-		
trans-1,3-Dichloropropene	91		-		70-130	-		
1,1,2-Trichloroethane	98		-		70-130	-		
Toluene	89		-		70-130	-		
2-Hexanone	96		-		70-130	-		
Dibromochloromethane	96		-		70-130	-		
1,2-Dibromoethane	91		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 24+26 CLARENCE AVE

Project Number: 3162-01

Lab Number: L2159157

Report Date: 11/04/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1566809-3								
Tetrachloroethene	85		-		70-130	-		
Chlorobenzene	90		-		70-130	-		
Ethylbenzene	86		-		70-130	-		
p/m-Xylene	89		-		70-130	-		
Bromoform	90		-		70-130	-		
Styrene	86		-		70-130	-		
1,1,2,2-Tetrachloroethane	98		-		70-130	-		
o-Xylene	92		-		70-130	-		
4-Ethyltoluene	82		-		70-130	-		
1,3,5-Trimethylbenzene	87		-		70-130	-		
1,2,4-Trimethylbenzene	90		-		70-130	-		
Benzyl chloride	83		-		70-130	-		
1,3-Dichlorobenzene	89		-		70-130	-		
1,4-Dichlorobenzene	88		-		70-130	-		
1,2-Dichlorobenzene	87		-		70-130	-		
1,2,4-Trichlorobenzene	87		-		70-130	-		
Hexachlorobutadiene	88		-		70-130	-		

Project Name: 24+26 CLARENCE AVE

Lab Number: L2159157

Project Number: 3162-01

Report Date: 11/04/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2159157-01	VMP-4	0852	SV200	10/22/21	367663		-	-	-	Pass	211	209	1
L2159157-01	VMP-4	3119	2.7L Can	10/22/21	367663	L2156995-02	Pass	-29.4	0.0	-	-	-	-
L2159157-02	VMP-3	0712	SV200	10/22/21	367663		-	-	-	Pass	217	215	1
L2159157-02	VMP-3	2217	2.7L Can	10/22/21	367663	L2156995-02	Pass	-29.5	0.0	-	-	-	-
L2159157-03	VMP-1	0885	SV200	10/22/21	367663		-	-	-	Pass	210	212	1
L2159157-03	VMP-1	199	2.7L Can	10/22/21	367663	L2156773-01	Pass	-29.3	-2.5	-	-	-	-
L2159157-04	VMP-2	0999	SV200	10/22/21	367663		-	-	-	Pass	218	217	0
L2159157-04	VMP-2	2769	2.7L Can	10/22/21	367663	L2156773-01	Pass	-29.3	-1.7	-	-	-	-
L2159157-05	UNUSED_CAN249	0605	SV200	10/22/21	367663		-	-	-	Pass	212	215	1
L2159157-05	UNUSED_CAN249	249	2.7L Can	10/22/21	367663	L2156773-01	Pass	-29.5	-29.3	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2156773
Report Date: 11/04/21

Air Canister Certification Results

Lab ID: L2156773-01
Client ID: CAN 2186 SHELF 8
Sample Location:

Date Collected: 10/15/21 08:00
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/19/21 19:40
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2156773
Report Date: 11/04/21

Air Canister Certification Results

Lab ID: L2156773-01
Client ID: CAN 2186 SHELF 8
Sample Location:

Date Collected: 10/15/21 08:00
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2156773
Report Date: 11/04/21

Air Canister Certification Results

Lab ID: L2156773-01
Client ID: CAN 2186 SHELF 8
Sample Location:

Date Collected: 10/15/21 08:00
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2156773
Report Date: 11/04/21

Air Canister Certification Results

Lab ID: L2156773-01
Client ID: CAN 2186 SHELF 8
Sample Location:

Date Collected: 10/15/21 08:00
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2156773
Report Date: 11/04/21

Air Canister Certification Results

Lab ID: L2156773-01
Client ID: CAN 2186 SHELF 8
Sample Location:

Date Collected: 10/15/21 08:00
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	85		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	89		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2156773
Report Date: 11/04/21

Air Canister Certification Results

Lab ID: L2156773-01
Client ID: CAN 2186 SHELF 8
Sample Location:

Date Collected: 10/15/21 08:00
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/19/21 19:40
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2156773
Report Date: 11/04/21

Air Canister Certification Results

Lab ID: L2156773-01
Client ID: CAN 2186 SHELF 8
Sample Location:

Date Collected: 10/15/21 08:00
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2156773
Report Date: 11/04/21

Air Canister Certification Results

Lab ID: L2156773-01
Client ID: CAN 2186 SHELF 8
Sample Location:

Date Collected: 10/15/21 08:00
Date Received: 10/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	79		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	88		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2156995
Report Date: 11/04/21

Air Canister Certification Results

Lab ID: L2156995-02
Client ID: CAN 2021 SHELF 7
Sample Location:

Date Collected: 10/18/21 13:00
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/20/21 00:11
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2156995

Project Number: CANISTER QC BAT **Report Date:** 11/04/21

Air Canister Certification Results

Lab ID: L2156995-02
Client ID: CAN 2021 SHELF 7
Sample Location:

Date Collected: 10/18/21 13:00
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2156995
Report Date: 11/04/21

Air Canister Certification Results

Lab ID: L2156995-02
Client ID: CAN 2021 SHELF 7
Sample Location:

Date Collected: 10/18/21 13:00
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2156995
Report Date: 11/04/21

Air Canister Certification Results

Lab ID: L2156995-02
Client ID: CAN 2021 SHELF 7
Sample Location:

Date Collected: 10/18/21 13:00
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2156995

Project Number: CANISTER QC BAT **Report Date:** 11/04/21

Air Canister Certification Results

Lab ID: L2156995-02
Client ID: CAN 2021 SHELF 7
Sample Location:

Date Collected: 10/18/21 13:00
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	73		60-140
Bromochloromethane	80		60-140
chlorobenzene-d5	78		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2156995
Report Date: 11/04/21

Air Canister Certification Results

Lab ID: L2156995-02
Client ID: CAN 2021 SHELF 7
Sample Location:

Date Collected: 10/18/21 13:00
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/20/21 00:11
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	0.026	0.500	--	0.090	1.74	--	J	1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	0.022	0.100	--	0.070	0.319	--	J	1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2156995

Project Number: CANISTER QC BAT **Report Date:** 11/04/21

Air Canister Certification Results

Lab ID: L2156995-02
Client ID: CAN 2021 SHELF 7
Sample Location:

Date Collected: 10/18/21 13:00
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2156995
Report Date: 11/04/21

Air Canister Certification Results

Lab ID: L2156995-02
Client ID: CAN 2021 SHELF 7
Sample Location:

Date Collected: 10/18/21 13:00
Date Received: 10/19/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	69		60-140
bromochloromethane	76		60-140
chlorobenzene-d5	77		60-140

Project Name: 24+26 CLARENCE AVE
Project Number: 3162-01

Lab Number: L2159157
Report Date: 11/04/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2159157-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2159157-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2159157-03A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2159157-04A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2159157-05A	Canister - 2.7 Liter	NA	NA			Y	Absent		CLEAN-FEE()

*Values in parentheses indicate holding time in days

Project Name:	24+26 CLARENCE AVE	**Lab Number:**	L2159157
Project Number:	3162-01	**Report Date:**	11/04/21

GLOSSARY

Acronyms

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

Report Format: Data Usability Report

Project Name:	24+26 CLARENCE AVE	**Lab Number:**	L2159157
Project Number:	3162-01	**Report Date:**	11/04/21

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Project Name:	24+26 CLARENCE AVE	**Lab Number:**	L2159157
Project Number:	3162-01	**Report Date:**	11/04/21

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	24+26 CLARENCE AVE	**Lab Number:**	L2159157
Project Number:	3162-01	**Report Date:**	11/04/21

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

AIR ANALYSIS

CHAIN OF CUSTODY

PAGE ____ OF ____

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 10/29/21

ALPHA Job #: L2159157

Client Information

Client: Alliance Environmental Group
Address: 100 Jefferson Blvd. Suite 220
Phone: 401-732-7600
Fax:
Email: tim.nevins@fwwebb.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 24+26 Clarence Ave
Project Location: Buffalo, NY
Project #: 3162-01
Project Manager: Tim Nevins
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker: ____
(Default based on Regulatory Criteria Indicated)
Other Formats: ____
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO # 113-03477725

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NY	DOH	Both

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐ Meet NY~~DEC~~ DOH criteria for soil vapor.

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH Subset Non-petroleum HCs	Fixed Gases ☐	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
59157-01	VMP-4	10/28/21	9:38	9:55	-29.46	-1.66	SV	MD	2.7	3119	0852	X					
02	VMP-3	↓	9:36	9:56	-26.53	2.66	↓	MD	↓	2217	0712	X					
03	VMP-1		10:35	10:48	-29.51	-3.39		MD		199	0885	X					
04	VMP-2		10:36	10:49	-29.36	-2.30		MD		2769	0999	X					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
10/29/21 0455	10/28/21		10/28/21 1300
	10/28/21 1455	Jm AL AAC	10/28/21 14:55
	10/28/21 15:40		10/29/21 01:40

ANALYTICAL REPORT

Lab Number:	L2219665
Client:	Alliance Environmental Group 832 Dyer Avenue Cranston,, RI 02920
ATTN:	Tim Nevins
Phone:	(401) 732-7600
Project Name:	WEBB - BUFFALO
Project Number:	3214.01
Report Date:	06/02/22

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

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

Project Name: WEBB - BUFFALO
Project Number: 3214.01

Lab Number: L2219665
Report Date: 06/02/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2219665-01	IA-1	AIR	26 CLARENCE AVE, BUFFALO	04/14/22 15:43	04/14/22
L2219665-02	IA-2	AIR	26 CLARENCE AVE, BUFFALO	04/14/22 15:43	04/14/22
L2219665-03	IA-3	AIR	26 CLARENCE AVE, BUFFALO	04/14/22 15:48	04/14/22
L2219665-04	IA-4	AIR	26 CLARENCE AVE, BUFFALO	04/14/22 15:45	04/14/22
L2219665-05	EXTERIOR	AIR	26 CLARENCE AVE, BUFFALO	04/14/22 15:46	04/14/22
L2219665-06	VMP-4	SOIL_VAPOR	26 CLARENCE AVE, BUFFALO	04/14/22 09:33	04/14/22
L2219665-07	VMP-11	SOIL_VAPOR	26 CLARENCE AVE, BUFFALO	04/14/22 09:54	04/14/22
L2219665-08	VMP-6	SOIL_VAPOR	26 CLARENCE AVE, BUFFALO	04/14/22 10:23	04/14/22
L2219665-09	VMP-13	SOIL_VAPOR	26 CLARENCE AVE, BUFFALO	04/14/22 10:44	04/14/22
L2219665-10	VMP-8	SOIL_VAPOR	26 CLARENCE AVE, BUFFALO	04/14/22 11:18	04/14/22
L2219665-11	VMP-3	SOIL_VAPOR	26 CLARENCE AVE, BUFFALO	04/14/22 11:52	04/14/22
L2219665-12	VMP-1	SOIL_VAPOR	26 CLARENCE AVE, BUFFALO	04/14/22 13:34	04/14/22
L2219665-13	VMP-16	SOIL_VAPOR	26 CLARENCE AVE, BUFFALO	04/14/22 13:50	04/14/22
L2219665-14	VMP-14	SOIL_VAPOR	26 CLARENCE AVE, BUFFALO	04/14/22 14:13	04/14/22
L2219665-15	VMP-15	SOIL_VAPOR	26 CLARENCE AVE, BUFFALO	04/14/22 14:30	04/14/22

Project Name:	WEBB - BUFFALO	**Lab Number:**	L2219665
Project Number:	3214.01	**Report Date:**	06/02/22

Case Narrative

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

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

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

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

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

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

Project Name:	WEBB - BUFFALO	**Lab Number:**	L2219665
Project Number:	3214.01	**Report Date:**	06/02/22

Case Narrative (continued)

Report Revision

June 2, 2022 the report has been amended to report all compounds for sample L2219665-06. The original submittal omitted all but PCE by mistake.

Volatile Organics in Air

Canisters were released from the laboratory on April 7, 2022. The canister certification results are provided as an addendum.

L2219665-06D2: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2219665-07D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2219665-08D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2219665-09D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2219665-10D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2219665-11D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Project Name:	WEBB - BUFFALO	**Lab Number:**	L2219665
Project Number:	3214.01	**Report Date:**	06/02/22

Case Narrative (continued)

L2219665-12D and -13D: The samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

L2219665-12D and -13D: Prior to sample analysis, the canisters were pressurized with UHP Nitrogen due to canister size. The pressurization resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

L2219665-14D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2219665-15D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 06/02/22

AIR

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-01
Client ID: IA-1
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:43
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/29/22 21:32
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.504	0.200	--	2.49	0.989	--		1
Chloromethane	0.630	0.200	--	1.30	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	28.5	5.00	--	53.7	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	38.5	1.00	--	91.5	2.38	--		1
Trichlorofluoromethane	0.235	0.200	--	1.32	1.12	--		1
Isopropanol	127	0.500	--	312	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	4.97	0.500	--	14.7	1.47	--		1
Ethyl Acetate	0.693	0.500	--	2.50	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-01
Client ID: IA-1
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:43
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	1.59	0.200	--	6.52	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	8.53	0.200	--	32.1	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	0.457	0.400	--	1.99	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-01
Client ID: IA-1
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:43
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	93		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-01
Client ID: IA-1
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:43
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/29/22 21:32
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.032	0.020	--	0.127	0.079	--		1
1,1,1-Trichloroethane	0.050	0.020	--	0.273	0.109	--		1
Carbon tetrachloride	0.083	0.020	--	0.522	0.126	--		1
Trichloroethene	0.139	0.020	--	0.747	0.107	--		1
Tetrachloroethene	0.288	0.020	--	1.95	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	95		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-02
Client ID: IA-2
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:43
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/29/22 20:53
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.486	0.200	--	2.40	0.989	--		1
Chloromethane	0.643	0.200	--	1.33	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	31.7	5.00	--	59.7	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	39.2	1.00	--	93.1	2.38	--		1
Trichlorofluoromethane	0.224	0.200	--	1.26	1.12	--		1
Isopropanol	94.7	0.500	--	233	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	4.99	0.500	--	14.7	1.47	--		1
Ethyl Acetate	0.812	0.500	--	2.93	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.522	0.500	--	1.54	1.47	--		1

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-02
Client ID: IA-2
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:43
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	3.32	0.200	--	13.6	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	9.41	0.200	--	35.5	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	0.533	0.400	--	2.32	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-02
Client ID: IA-2
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:43
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	95		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-02
Client ID: IA-2
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:43
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/29/22 20:53
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.039	0.020	--	0.155	0.079	--		1
1,1,1-Trichloroethane	0.069	0.020	--	0.376	0.109	--		1
Carbon tetrachloride	0.079	0.020	--	0.497	0.126	--		1
Trichloroethene	0.139	0.020	--	0.747	0.107	--		1
Tetrachloroethene	0.411	0.020	--	2.79	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-03
Client ID: IA-3
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:48
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/29/22 19:34
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.506	0.200	--	2.50	0.989	--		1
Chloromethane	0.617	0.200	--	1.27	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	53.6	5.00	--	101	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	46.8	1.00	--	111	2.38	--		1
Trichlorofluoromethane	0.227	0.200	--	1.28	1.12	--		1
Isopropanol	47.8	0.500	--	117	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	8.81	0.500	--	26.0	1.47	--		1
Ethyl Acetate	0.939	0.500	--	3.38	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.550	0.500	--	1.62	1.47	--		1

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-03
Client ID: IA-3
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:48
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	27.0	0.200	--	111	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	25.0	0.200	--	94.2	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.513	0.200	--	2.23	0.869	--		1
p/m-Xylene	2.20	0.400	--	9.56	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.527	0.200	--	2.29	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-03
Client ID: IA-3
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:48
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	99		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-03
Client ID: IA-3
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:48
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/29/22 19:34
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.031	0.020	--	0.123	0.079	--		1
1,1,1-Trichloroethane	0.057	0.020	--	0.311	0.109	--		1
Carbon tetrachloride	0.079	0.020	--	0.497	0.126	--		1
Trichloroethene	0.118	0.020	--	0.634	0.107	--		1
Tetrachloroethene	0.393	0.020	--	2.67	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	100		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-04
Client ID: IA-4
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:45
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/29/22 18:54
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.518	0.200	--	2.56	0.989	--		1
Chloromethane	0.616	0.200	--	1.27	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	17.3	5.00	--	32.6	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	26.3	1.00	--	62.5	2.38	--		1
Trichlorofluoromethane	0.236	0.200	--	1.33	1.12	--		1
Isopropanol	31.2	0.500	--	76.7	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.870	0.500	--	2.57	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-04
Client ID: IA-4
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:45
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.980	0.200	--	3.69	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-04
Client ID: IA-4
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:45
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	93		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-04
Client ID: IA-4
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:45
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/29/22 18:54
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	0.053	0.020	--	0.289	0.109	--		1
Carbon tetrachloride	0.078	0.020	--	0.491	0.126	--		1
Trichloroethene	0.065	0.020	--	0.349	0.107	--		1
Tetrachloroethene	0.256	0.020	--	1.74	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	94		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-05
Client ID: EXTERIOR
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:46
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/29/22 18:15
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.531	0.200	--	2.63	0.989	--		1
Chloromethane	0.616	0.200	--	1.27	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.41	1.00	--	8.10	2.38	--		1
Trichlorofluoromethane	0.215	0.200	--	1.21	1.12	--		1
Isopropanol	0.565	0.500	--	1.39	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-05
Client ID: EXTERIOR
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:46
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-05
Client ID: EXTERIOR
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:46
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	89		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-05
Client ID: EXTERIOR
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 15:46
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/29/22 18:15
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.077	0.020	--	0.484	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	89		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	91		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-06 D
Client ID: VMP-4
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 09:33
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/30/22 01:55
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	5.28	--	ND	26.1	--		26.4
Chloromethane	ND	5.28	--	ND	10.9	--		26.4
Freon-114	ND	5.28	--	ND	36.9	--		26.4
Vinyl chloride	ND	5.28	--	ND	13.5	--		26.4
1,3-Butadiene	ND	5.28	--	ND	11.7	--		26.4
Bromomethane	ND	5.28	--	ND	20.5	--		26.4
Chloroethane	ND	5.28	--	ND	13.9	--		26.4
Ethanol	ND	132	--	ND	249	--		26.4
Vinyl bromide	ND	5.28	--	ND	23.1	--		26.4
Acetone	ND	26.4	--	ND	62.7	--		26.4
Trichlorofluoromethane	ND	5.28	--	ND	29.7	--		26.4
Isopropanol	ND	13.2	--	ND	32.4	--		26.4
1,1-Dichloroethene	ND	5.28	--	ND	20.9	--		26.4
Tertiary butyl Alcohol	ND	13.2	--	ND	40.0	--		26.4
Methylene chloride	ND	13.2	--	ND	45.9	--		26.4
3-Chloropropene	ND	5.28	--	ND	16.5	--		26.4
Carbon disulfide	ND	5.28	--	ND	16.4	--		26.4
Freon-113	ND	5.28	--	ND	40.5	--		26.4
trans-1,2-Dichloroethene	206	5.28	--	817	20.9	--		26.4
1,1-Dichloroethane	227	5.28	--	919	21.4	--		26.4
Methyl tert butyl ether	ND	5.28	--	ND	19.0	--		26.4
2-Butanone	ND	13.2	--	ND	38.9	--		26.4
cis-1,2-Dichloroethene	359	5.28	--	1420	20.9	--		26.4

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-06 D
Client ID: VMP-4
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 09:33
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	13.2	--	ND	47.6	--		26.4
Chloroform	88.1	5.28	--	430	25.8	--		26.4
Tetrahydrofuran	ND	13.2	--	ND	38.9	--		26.4
1,2-Dichloroethane	ND	5.28	--	ND	21.4	--		26.4
n-Hexane	ND	5.28	--	ND	18.6	--		26.4
1,1,1-Trichloroethane	753	5.28	--	4110	28.8	--		26.4
Benzene	ND	5.28	--	ND	16.9	--		26.4
Carbon tetrachloride	ND	5.28	--	ND	33.2	--		26.4
Cyclohexane	5.81	5.28	--	20.0	18.2	--		26.4
1,2-Dichloropropane	ND	5.28	--	ND	24.4	--		26.4
Bromodichloromethane	21.5	5.28	--	144	35.4	--		26.4
1,4-Dioxane	ND	5.28	--	ND	19.0	--		26.4
Trichloroethene	2100	5.28	--	11300	28.4	--		26.4
2,2,4-Trimethylpentane	ND	5.28	--	ND	24.7	--		26.4
Heptane	ND	5.28	--	ND	21.6	--		26.4
cis-1,3-Dichloropropene	ND	5.28	--	ND	24.0	--		26.4
4-Methyl-2-pentanone	ND	13.2	--	ND	54.1	--		26.4
trans-1,3-Dichloropropene	ND	5.28	--	ND	24.0	--		26.4
1,1,2-Trichloroethane	ND	5.28	--	ND	28.8	--		26.4
Toluene	ND	5.28	--	ND	19.9	--		26.4
2-Hexanone	ND	5.28	--	ND	21.6	--		26.4
Dibromochloromethane	ND	5.28	--	ND	45.0	--		26.4
1,2-Dibromoethane	ND	5.28	--	ND	40.6	--		26.4
Tetrachloroethene	5450	5.28	--	37000	35.8	--	E	26.4
Chlorobenzene	ND	5.28	--	ND	24.3	--		26.4
Ethylbenzene	ND	5.28	--	ND	22.9	--		26.4

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-06 D
Client ID: VMP-4
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 09:33
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	10.6	--	ND	46.0	--		26.4
Bromoform	ND	5.28	--	ND	54.6	--		26.4
Styrene	ND	5.28	--	ND	22.5	--		26.4
1,1,2,2-Tetrachloroethane	ND	5.28	--	ND	36.3	--		26.4
o-Xylene	ND	5.28	--	ND	22.9	--		26.4
4-Ethyltoluene	ND	5.28	--	ND	26.0	--		26.4
1,3,5-Trimethylbenzene	ND	5.28	--	ND	26.0	--		26.4
1,2,4-Trimethylbenzene	ND	5.28	--	ND	26.0	--		26.4
Benzyl chloride	ND	5.28	--	ND	27.3	--		26.4
1,3-Dichlorobenzene	ND	5.28	--	ND	31.7	--		26.4
1,4-Dichlorobenzene	ND	5.28	--	ND	31.7	--		26.4
1,2-Dichlorobenzene	ND	5.28	--	ND	31.7	--		26.4
1,2,4-Trichlorobenzene	ND	5.28	--	ND	39.2	--		26.4
Hexachlorobutadiene	ND	5.28	--	ND	56.3	--		26.4

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	96		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-06 D2
Client ID: VMP-4
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 09:33
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/30/22 07:56
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Tetrachloroethene	10400	34.2	--	70500	232	--		171.2

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	86		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	91		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-07 D
Client ID: VMP-11
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 09:54
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/29/22 22:08
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	1.00	--	ND	4.94	--		5
Chloromethane	ND	1.00	--	ND	2.07	--		5
Freon-114	ND	1.00	--	ND	6.99	--		5
Vinyl chloride	ND	1.00	--	ND	2.56	--		5
1,3-Butadiene	ND	1.00	--	ND	2.21	--		5
Bromomethane	ND	1.00	--	ND	3.88	--		5
Chloroethane	ND	1.00	--	ND	2.64	--		5
Ethanol	67.3	25.0	--	127	47.1	--		5
Vinyl bromide	ND	1.00	--	ND	4.37	--		5
Acetone	16.6	5.00	--	39.4	11.9	--		5
Trichlorofluoromethane	ND	1.00	--	ND	5.62	--		5
Isopropanol	10.8	2.50	--	26.5	6.15	--		5
1,1-Dichloroethene	ND	1.00	--	ND	3.96	--		5
Tertiary butyl Alcohol	ND	2.50	--	ND	7.58	--		5
Methylene chloride	ND	2.50	--	ND	8.69	--		5
3-Chloropropene	ND	1.00	--	ND	3.13	--		5
Carbon disulfide	ND	1.00	--	ND	3.11	--		5
Freon-113	ND	1.00	--	ND	7.66	--		5
trans-1,2-Dichloroethene	2.18	1.00	--	8.64	3.96	--		5
1,1-Dichloroethane	ND	1.00	--	ND	4.05	--		5
Methyl tert butyl ether	ND	1.00	--	ND	3.61	--		5
2-Butanone	4.08	2.50	--	12.0	7.37	--		5
cis-1,2-Dichloroethene	1.18	1.00	--	4.68	3.96	--		5

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-07 D
Client ID: VMP-11
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 09:54
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	2.50	--	ND	9.01	--		5
Chloroform	ND	1.00	--	ND	4.88	--		5
Tetrahydrofuran	ND	2.50	--	ND	7.37	--		5
1,2-Dichloroethane	ND	1.00	--	ND	4.05	--		5
n-Hexane	ND	1.00	--	ND	3.52	--		5
1,1,1-Trichloroethane	189	1.00	--	1030	5.46	--		5
Benzene	ND	1.00	--	ND	3.19	--		5
Carbon tetrachloride	ND	1.00	--	ND	6.29	--		5
Cyclohexane	ND	1.00	--	ND	3.44	--		5
1,2-Dichloropropane	ND	1.00	--	ND	4.62	--		5
Bromodichloromethane	ND	1.00	--	ND	6.70	--		5
1,4-Dioxane	ND	1.00	--	ND	3.60	--		5
Trichloroethene	355	1.00	--	1910	5.37	--		5
2,2,4-Trimethylpentane	ND	1.00	--	ND	4.67	--		5
Heptane	ND	1.00	--	ND	4.10	--		5
cis-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
4-Methyl-2-pentanone	ND	2.50	--	ND	10.2	--		5
trans-1,3-Dichloropropene	ND	1.00	--	ND	4.54	--		5
1,1,2-Trichloroethane	ND	1.00	--	ND	5.46	--		5
Toluene	4.88	1.00	--	18.4	3.77	--		5
2-Hexanone	ND	1.00	--	ND	4.10	--		5
Dibromochloromethane	ND	1.00	--	ND	8.52	--		5
1,2-Dibromoethane	ND	1.00	--	ND	7.69	--		5
Tetrachloroethene	90.6	1.00	--	614	6.78	--		5
Chlorobenzene	ND	1.00	--	ND	4.61	--		5
Ethylbenzene	ND	1.00	--	ND	4.34	--		5

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-07 D
Client ID: VMP-11
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 09:54
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	2.00	--	ND	8.69	--		5
Bromoform	ND	1.00	--	ND	10.3	--		5
Styrene	ND	1.00	--	ND	4.26	--		5
1,1,2,2-Tetrachloroethane	ND	1.00	--	ND	6.87	--		5
o-Xylene	ND	1.00	--	ND	4.34	--		5
4-Ethyltoluene	ND	1.00	--	ND	4.92	--		5
1,3,5-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
1,2,4-Trimethylbenzene	ND	1.00	--	ND	4.92	--		5
Benzyl chloride	ND	1.00	--	ND	5.18	--		5
1,3-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,4-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2-Dichlorobenzene	ND	1.00	--	ND	6.01	--		5
1,2,4-Trichlorobenzene	ND	1.00	--	ND	7.42	--		5
Hexachlorobutadiene	ND	1.00	--	ND	10.7	--		5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	93		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-08 D
Client ID: VMP-6
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 10:23
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/30/22 02:31
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	8.17	--	ND	40.4	--		40.85
Chloromethane	ND	8.17	--	ND	16.9	--		40.85
Freon-114	ND	8.17	--	ND	57.1	--		40.85
Vinyl chloride	ND	8.17	--	ND	20.9	--		40.85
1,3-Butadiene	ND	8.17	--	ND	18.1	--		40.85
Bromomethane	ND	8.17	--	ND	31.7	--		40.85
Chloroethane	ND	8.17	--	ND	21.6	--		40.85
Ethanol	ND	204	--	ND	384	--		40.85
Vinyl bromide	ND	8.17	--	ND	35.7	--		40.85
Acetone	ND	40.8	--	ND	96.9	--		40.85
Trichlorofluoromethane	ND	8.17	--	ND	45.9	--		40.85
Isopropanol	ND	20.4	--	ND	50.1	--		40.85
1,1-Dichloroethene	ND	8.17	--	ND	32.4	--		40.85
Tertiary butyl Alcohol	ND	20.4	--	ND	61.8	--		40.85
Methylene chloride	ND	20.4	--	ND	70.9	--		40.85
3-Chloropropene	ND	8.17	--	ND	25.6	--		40.85
Carbon disulfide	ND	8.17	--	ND	25.4	--		40.85
Freon-113	ND	8.17	--	ND	62.6	--		40.85
trans-1,2-Dichloroethene	ND	8.17	--	ND	32.4	--		40.85
1,1-Dichloroethane	12.7	8.17	--	51.4	33.1	--		40.85
Methyl tert butyl ether	ND	8.17	--	ND	29.5	--		40.85
2-Butanone	ND	20.4	--	ND	60.2	--		40.85
cis-1,2-Dichloroethene	16.5	8.17	--	65.4	32.4	--		40.85

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-08 D
Client ID: VMP-6
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 10:23
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	20.4	--	ND	73.5	--		40.85
Chloroform	ND	8.17	--	ND	39.9	--		40.85
Tetrahydrofuran	ND	20.4	--	ND	60.2	--		40.85
1,2-Dichloroethane	ND	8.17	--	ND	33.1	--		40.85
n-Hexane	ND	8.17	--	ND	28.8	--		40.85
1,1,1-Trichloroethane	34.5	8.17	--	188	44.6	--		40.85
Benzene	ND	8.17	--	ND	26.1	--		40.85
Carbon tetrachloride	ND	8.17	--	ND	51.4	--		40.85
Cyclohexane	ND	8.17	--	ND	28.1	--		40.85
1,2-Dichloropropane	ND	8.17	--	ND	37.8	--		40.85
Bromodichloromethane	ND	8.17	--	ND	54.7	--		40.85
1,4-Dioxane	ND	8.17	--	ND	29.4	--		40.85
Trichloroethene	3360	8.17	--	18100	43.9	--		40.85
2,2,4-Trimethylpentane	ND	8.17	--	ND	38.2	--		40.85
Heptane	ND	8.17	--	ND	33.5	--		40.85
cis-1,3-Dichloropropene	ND	8.17	--	ND	37.1	--		40.85
4-Methyl-2-pentanone	ND	20.4	--	ND	83.6	--		40.85
trans-1,3-Dichloropropene	ND	8.17	--	ND	37.1	--		40.85
1,1,2-Trichloroethane	ND	8.17	--	ND	44.6	--		40.85
Toluene	ND	8.17	--	ND	30.8	--		40.85
2-Hexanone	ND	8.17	--	ND	33.5	--		40.85
Dibromochloromethane	ND	8.17	--	ND	69.6	--		40.85
1,2-Dibromoethane	ND	8.17	--	ND	62.8	--		40.85
Tetrachloroethene	246	8.17	--	1670	55.4	--		40.85
Chlorobenzene	ND	8.17	--	ND	37.6	--		40.85
Ethylbenzene	ND	8.17	--	ND	35.5	--		40.85

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-08 D
Client ID: VMP-6
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 10:23
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	16.3	--	ND	70.8	--		40.85
Bromoform	ND	8.17	--	ND	84.5	--		40.85
Styrene	ND	8.17	--	ND	34.8	--		40.85
1,1,2,2-Tetrachloroethane	ND	8.17	--	ND	56.1	--		40.85
o-Xylene	ND	8.17	--	ND	35.5	--		40.85
4-Ethyltoluene	ND	8.17	--	ND	40.2	--		40.85
1,3,5-Trimethylbenzene	ND	8.17	--	ND	40.2	--		40.85
1,2,4-Trimethylbenzene	ND	8.17	--	ND	40.2	--		40.85
Benzyl chloride	ND	8.17	--	ND	42.3	--		40.85
1,3-Dichlorobenzene	ND	8.17	--	ND	49.1	--		40.85
1,4-Dichlorobenzene	ND	8.17	--	ND	49.1	--		40.85
1,2-Dichlorobenzene	ND	8.17	--	ND	49.1	--		40.85
1,2,4-Trichlorobenzene	ND	8.17	--	ND	60.6	--		40.85
Hexachlorobutadiene	ND	8.17	--	ND	87.1	--		40.85

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	90		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-09 D
Client ID: VMP-13
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 10:44
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/30/22 03:09
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	3.82	--	ND	18.9	--		19.08
Chloromethane	ND	3.82	--	ND	7.89	--		19.08
Freon-114	ND	3.82	--	ND	26.7	--		19.08
Vinyl chloride	ND	3.82	--	ND	9.76	--		19.08
1,3-Butadiene	ND	3.82	--	ND	8.45	--		19.08
Bromomethane	ND	3.82	--	ND	14.8	--		19.08
Chloroethane	ND	3.82	--	ND	10.1	--		19.08
Ethanol	ND	95.4	--	ND	180	--		19.08
Vinyl bromide	ND	3.82	--	ND	16.7	--		19.08
Acetone	40.0	19.1	--	95.0	45.4	--		19.08
Trichlorofluoromethane	ND	3.82	--	ND	21.5	--		19.08
Isopropanol	19.5	9.54	--	47.9	23.5	--		19.08
1,1-Dichloroethene	ND	3.82	--	ND	15.1	--		19.08
Tertiary butyl Alcohol	ND	9.54	--	ND	28.9	--		19.08
Methylene chloride	ND	9.54	--	ND	33.1	--		19.08
3-Chloropropene	ND	3.82	--	ND	12.0	--		19.08
Carbon disulfide	ND	3.82	--	ND	11.9	--		19.08
Freon-113	12.0	3.82	--	92.0	29.3	--		19.08
trans-1,2-Dichloroethene	16.8	3.82	--	66.6	15.1	--		19.08
1,1-Dichloroethane	55.9	3.82	--	226	15.5	--		19.08
Methyl tert butyl ether	ND	3.82	--	ND	13.8	--		19.08
2-Butanone	ND	9.54	--	ND	28.1	--		19.08
cis-1,2-Dichloroethene	198	3.82	--	785	15.1	--		19.08

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-09 D
Client ID: VMP-13
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 10:44
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	9.54	--	ND	34.4	--		19.08
Chloroform	ND	3.82	--	ND	18.7	--		19.08
Tetrahydrofuran	ND	9.54	--	ND	28.1	--		19.08
1,2-Dichloroethane	ND	3.82	--	ND	15.5	--		19.08
n-Hexane	ND	3.82	--	ND	13.5	--		19.08
1,1,1-Trichloroethane	150	3.82	--	818	20.8	--		19.08
Benzene	ND	3.82	--	ND	12.2	--		19.08
Carbon tetrachloride	ND	3.82	--	ND	24.0	--		19.08
Cyclohexane	ND	3.82	--	ND	13.1	--		19.08
1,2-Dichloropropane	ND	3.82	--	ND	17.7	--		19.08
Bromodichloromethane	ND	3.82	--	ND	25.6	--		19.08
1,4-Dioxane	ND	3.82	--	ND	13.8	--		19.08
Trichloroethene	1720	3.82	--	9240	20.5	--		19.08
2,2,4-Trimethylpentane	ND	3.82	--	ND	17.8	--		19.08
Heptane	ND	3.82	--	ND	15.7	--		19.08
cis-1,3-Dichloropropene	ND	3.82	--	ND	17.3	--		19.08
4-Methyl-2-pentanone	ND	9.54	--	ND	39.1	--		19.08
trans-1,3-Dichloropropene	ND	3.82	--	ND	17.3	--		19.08
1,1,2-Trichloroethane	ND	3.82	--	ND	20.8	--		19.08
Toluene	ND	3.82	--	ND	14.4	--		19.08
2-Hexanone	ND	3.82	--	ND	15.7	--		19.08
Dibromochloromethane	ND	3.82	--	ND	32.5	--		19.08
1,2-Dibromoethane	ND	3.82	--	ND	29.4	--		19.08
Tetrachloroethene	697	3.82	--	4730	25.9	--		19.08
Chlorobenzene	ND	3.82	--	ND	17.6	--		19.08
Ethylbenzene	ND	3.82	--	ND	16.6	--		19.08

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-09 D
Client ID: VMP-13
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 10:44
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	7.63	--	ND	33.1	--		19.08
Bromoform	ND	3.82	--	ND	39.5	--		19.08
Styrene	ND	3.82	--	ND	16.3	--		19.08
1,1,2,2-Tetrachloroethane	ND	3.82	--	ND	26.2	--		19.08
o-Xylene	ND	3.82	--	ND	16.6	--		19.08
4-Ethyltoluene	ND	3.82	--	ND	18.8	--		19.08
1,3,5-Trimethylbenzene	ND	3.82	--	ND	18.8	--		19.08
1,2,4-Trimethylbenzene	ND	3.82	--	ND	18.8	--		19.08
Benzyl chloride	ND	3.82	--	ND	19.8	--		19.08
1,3-Dichlorobenzene	ND	3.82	--	ND	23.0	--		19.08
1,4-Dichlorobenzene	ND	3.82	--	ND	23.0	--		19.08
1,2-Dichlorobenzene	ND	3.82	--	ND	23.0	--		19.08
1,2,4-Trichlorobenzene	ND	3.82	--	ND	28.4	--		19.08
Hexachlorobutadiene	ND	3.82	--	ND	40.7	--		19.08

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	94		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-10 D
Client ID: VMP-8
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 11:18
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/30/22 03:46
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	12.2	--	ND	60.3	--		61.12
Chloromethane	ND	12.2	--	ND	25.2	--		61.12
Freon-114	ND	12.2	--	ND	85.3	--		61.12
Vinyl chloride	125	12.2	--	320	31.2	--		61.12
1,3-Butadiene	ND	12.2	--	ND	27.0	--		61.12
Bromomethane	ND	12.2	--	ND	47.4	--		61.12
Chloroethane	ND	12.2	--	ND	32.2	--		61.12
Ethanol	ND	306	--	ND	577	--		61.12
Vinyl bromide	ND	12.2	--	ND	53.3	--		61.12
Acetone	ND	61.1	--	ND	145	--		61.12
Trichlorofluoromethane	ND	12.2	--	ND	68.6	--		61.12
Isopropanol	ND	30.6	--	ND	75.2	--		61.12
1,1-Dichloroethene	ND	12.2	--	ND	48.4	--		61.12
Tertiary butyl Alcohol	ND	30.6	--	ND	92.8	--		61.12
Methylene chloride	ND	30.6	--	ND	106	--		61.12
3-Chloropropene	ND	12.2	--	ND	38.2	--		61.12
Carbon disulfide	ND	12.2	--	ND	38.0	--		61.12
Freon-113	64.7	12.2	--	496	93.5	--		61.12
trans-1,2-Dichloroethene	18.5	12.2	--	73.3	48.4	--		61.12
1,1-Dichloroethane	704	12.2	--	2850	49.4	--		61.12
Methyl tert butyl ether	ND	12.2	--	ND	44.0	--		61.12
2-Butanone	ND	30.6	--	ND	90.2	--		61.12
cis-1,2-Dichloroethene	2460	12.2	--	9750	48.4	--		61.12

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-10 D
Client ID: VMP-8
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 11:18
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	30.6	--	ND	110	--		61.12
Chloroform	ND	12.2	--	ND	59.6	--		61.12
Tetrahydrofuran	ND	30.6	--	ND	90.2	--		61.12
1,2-Dichloroethane	ND	12.2	--	ND	49.4	--		61.12
n-Hexane	ND	12.2	--	ND	43.0	--		61.12
1,1,1-Trichloroethane	1660	12.2	--	9060	66.6	--		61.12
Benzene	ND	12.2	--	ND	39.0	--		61.12
Carbon tetrachloride	ND	12.2	--	ND	76.7	--		61.12
Cyclohexane	16.0	12.2	--	55.1	42.0	--		61.12
1,2-Dichloropropane	ND	12.2	--	ND	56.4	--		61.12
Bromodichloromethane	ND	12.2	--	ND	81.7	--		61.12
1,4-Dioxane	ND	12.2	--	ND	44.0	--		61.12
Trichloroethene	192	12.2	--	1030	65.6	--		61.12
2,2,4-Trimethylpentane	ND	12.2	--	ND	57.0	--		61.12
Heptane	ND	12.2	--	ND	50.0	--		61.12
cis-1,3-Dichloropropene	ND	12.2	--	ND	55.4	--		61.12
4-Methyl-2-pentanone	ND	30.6	--	ND	125	--		61.12
trans-1,3-Dichloropropene	ND	12.2	--	ND	55.4	--		61.12
1,1,2-Trichloroethane	ND	12.2	--	ND	66.6	--		61.12
Toluene	14.1	12.2	--	53.1	46.0	--		61.12
2-Hexanone	ND	12.2	--	ND	50.0	--		61.12
Dibromochloromethane	ND	12.2	--	ND	104	--		61.12
1,2-Dibromoethane	ND	12.2	--	ND	93.8	--		61.12
Tetrachloroethene	4450	12.2	--	30200	82.7	--		61.12
Chlorobenzene	ND	12.2	--	ND	56.2	--		61.12
Ethylbenzene	ND	12.2	--	ND	53.0	--		61.12

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-10 D
Client ID: VMP-8
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 11:18
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	24.4	--	ND	106	--		61.12
Bromoform	ND	12.2	--	ND	126	--		61.12
Styrene	ND	12.2	--	ND	51.9	--		61.12
1,1,2,2-Tetrachloroethane	ND	12.2	--	ND	83.8	--		61.12
o-Xylene	ND	12.2	--	ND	53.0	--		61.12
4-Ethyltoluene	ND	12.2	--	ND	60.0	--		61.12
1,3,5-Trimethylbenzene	ND	12.2	--	ND	60.0	--		61.12
1,2,4-Trimethylbenzene	ND	12.2	--	ND	60.0	--		61.12
Benzyl chloride	ND	12.2	--	ND	63.2	--		61.12
1,3-Dichlorobenzene	ND	12.2	--	ND	73.3	--		61.12
1,4-Dichlorobenzene	ND	12.2	--	ND	73.3	--		61.12
1,2-Dichlorobenzene	ND	12.2	--	ND	73.3	--		61.12
1,2,4-Trichlorobenzene	ND	12.2	--	ND	90.6	--		61.12
Hexachlorobutadiene	ND	12.2	--	ND	130	--		61.12

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	95		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-11 D
Client ID: VMP-3
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 11:52
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/29/22 22:43
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	ND	50.0	--	ND	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	36.3	10.0	--	86.2	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	11.1	5.00	--	27.3	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Tertiary butyl Alcohol	ND	5.00	--	ND	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	ND	2.00	--	ND	6.23	--		10
Freon-113	6.99	2.00	--	53.6	15.3	--		10
trans-1,2-Dichloroethene	7.25	2.00	--	28.7	7.93	--		10
1,1-Dichloroethane	170	2.00	--	688	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	ND	5.00	--	ND	14.7	--		10
cis-1,2-Dichloroethene	18.8	2.00	--	74.5	7.93	--		10

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-11 D
Client ID: VMP-3
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 11:52
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	10.9	2.00	--	53.2	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	ND	2.00	--	ND	7.05	--		10
1,1,1-Trichloroethane	310	2.00	--	1690	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	ND	2.00	--	ND	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	160	2.00	--	860	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	ND	2.00	--	ND	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	2.85	2.00	--	10.7	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	564	2.00	--	3820	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-11 D
Client ID: VMP-3
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 11:52
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	4.00	--	ND	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	91		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-12 D
Client ID: VMP-1
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 13:34
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/29/22 08:47
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	3.66	--	ND	18.1	--		18.29
Chloromethane	ND	3.66	--	ND	7.56	--		18.29
Freon-114	ND	3.66	--	ND	25.6	--		18.29
Vinyl chloride	ND	3.66	--	ND	9.36	--		18.29
1,3-Butadiene	ND	3.66	--	ND	8.10	--		18.29
Bromomethane	ND	3.66	--	ND	14.2	--		18.29
Chloroethane	ND	3.66	--	ND	9.66	--		18.29
Ethanol	ND	91.4	--	ND	172	--		18.29
Vinyl bromide	ND	3.66	--	ND	16.0	--		18.29
Acetone	19.5	18.3	--	46.3	43.5	--		18.29
Trichlorofluoromethane	ND	3.66	--	ND	20.6	--		18.29
Isopropanol	ND	9.14	--	ND	22.5	--		18.29
1,1-Dichloroethene	ND	3.66	--	ND	14.5	--		18.29
Tertiary butyl Alcohol	ND	9.14	--	ND	27.7	--		18.29
Methylene chloride	ND	9.14	--	ND	31.8	--		18.29
3-Chloropropene	ND	3.66	--	ND	11.5	--		18.29
Carbon disulfide	ND	3.66	--	ND	11.4	--		18.29
Freon-113	8.50	3.66	--	65.1	28.1	--		18.29
trans-1,2-Dichloroethene	46.6	3.66	--	185	14.5	--		18.29
1,1-Dichloroethane	310	3.66	--	1250	14.8	--		18.29
Methyl tert butyl ether	ND	3.66	--	ND	13.2	--		18.29
2-Butanone	ND	9.14	--	ND	27.0	--		18.29
cis-1,2-Dichloroethene	177	3.66	--	702	14.5	--		18.29

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-12 D
Client ID: VMP-1
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 13:34
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	9.14	--	ND	32.9	--		18.29
Chloroform	8.03	3.66	--	39.2	17.9	--		18.29
Tetrahydrofuran	ND	9.14	--	ND	27.0	--		18.29
1,2-Dichloroethane	ND	3.66	--	ND	14.8	--		18.29
n-Hexane	ND	3.66	--	ND	12.9	--		18.29
1,1,1-Trichloroethane	561	3.66	--	3060	20.0	--		18.29
Benzene	ND	3.66	--	ND	11.7	--		18.29
Carbon tetrachloride	ND	3.66	--	ND	23.0	--		18.29
Cyclohexane	ND	3.66	--	ND	12.6	--		18.29
1,2-Dichloropropane	ND	3.66	--	ND	16.9	--		18.29
Bromodichloromethane	ND	3.66	--	ND	24.5	--		18.29
1,4-Dioxane	ND	3.66	--	ND	13.2	--		18.29
Trichloroethene	1460	3.66	--	7850	19.7	--		18.29
2,2,4-Trimethylpentane	ND	3.66	--	ND	17.1	--		18.29
Heptane	ND	3.66	--	ND	15.0	--		18.29
cis-1,3-Dichloropropene	ND	3.66	--	ND	16.6	--		18.29
4-Methyl-2-pentanone	ND	9.14	--	ND	37.5	--		18.29
trans-1,3-Dichloropropene	ND	3.66	--	ND	16.6	--		18.29
1,1,2-Trichloroethane	ND	3.66	--	ND	20.0	--		18.29
Toluene	ND	3.66	--	ND	13.8	--		18.29
2-Hexanone	ND	3.66	--	ND	15.0	--		18.29
Dibromochloromethane	ND	3.66	--	ND	31.2	--		18.29
1,2-Dibromoethane	ND	3.66	--	ND	28.1	--		18.29
Tetrachloroethene	469	3.66	--	3180	24.8	--		18.29
Chlorobenzene	ND	3.66	--	ND	16.9	--		18.29
Ethylbenzene	ND	3.66	--	ND	15.9	--		18.29

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-12 D
Client ID: VMP-1
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 13:34
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	7.32	--	ND	31.8	--		18.29
Bromoform	ND	3.66	--	ND	37.8	--		18.29
Styrene	ND	3.66	--	ND	15.6	--		18.29
1,1,2,2-Tetrachloroethane	ND	3.66	--	ND	25.1	--		18.29
o-Xylene	ND	3.66	--	ND	15.9	--		18.29
4-Ethyltoluene	ND	3.66	--	ND	18.0	--		18.29
1,3,5-Trimethylbenzene	ND	3.66	--	ND	18.0	--		18.29
1,2,4-Trimethylbenzene	ND	3.66	--	ND	18.0	--		18.29
Benzyl chloride	ND	3.66	--	ND	19.0	--		18.29
1,3-Dichlorobenzene	ND	3.66	--	ND	22.0	--		18.29
1,4-Dichlorobenzene	ND	3.66	--	ND	22.0	--		18.29
1,2-Dichlorobenzene	ND	3.66	--	ND	22.0	--		18.29
1,2,4-Trichlorobenzene	ND	3.66	--	ND	27.2	--		18.29
Hexachlorobutadiene	ND	3.66	--	ND	39.0	--		18.29

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	90		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-13 D
Client ID: VMP-16
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 13:50
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/29/22 09:25
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	4.74	--	ND	23.4	--		23.72
Chloromethane	ND	4.74	--	ND	9.79	--		23.72
Freon-114	ND	4.74	--	ND	33.1	--		23.72
Vinyl chloride	ND	4.74	--	ND	12.1	--		23.72
1,3-Butadiene	ND	4.74	--	ND	10.5	--		23.72
Bromomethane	ND	4.74	--	ND	18.4	--		23.72
Chloroethane	ND	4.74	--	ND	12.5	--		23.72
Ethanol	ND	119	--	ND	224	--		23.72
Vinyl bromide	ND	4.74	--	ND	20.7	--		23.72
Acetone	24.0	23.7	--	57.0	56.3	--		23.72
Trichlorofluoromethane	ND	4.74	--	ND	26.6	--		23.72
Isopropanol	ND	11.9	--	ND	29.3	--		23.72
1,1-Dichloroethene	14.1	4.74	--	55.9	18.8	--		23.72
Tertiary butyl Alcohol	ND	11.9	--	ND	36.1	--		23.72
Methylene chloride	ND	11.9	--	ND	41.3	--		23.72
3-Chloropropene	ND	4.74	--	ND	14.8	--		23.72
Carbon disulfide	ND	4.74	--	ND	14.8	--		23.72
Freon-113	4.93	4.74	--	37.8	36.3	--		23.72
trans-1,2-Dichloroethene	365	4.74	--	1450	18.8	--		23.72
1,1-Dichloroethane	1440	4.74	--	5830	19.2	--		23.72
Methyl tert butyl ether	ND	4.74	--	ND	17.1	--		23.72
2-Butanone	ND	11.9	--	ND	35.1	--		23.72
cis-1,2-Dichloroethene	560	4.74	--	2220	18.8	--		23.72

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-13 D
Client ID: VMP-16
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 13:50
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	11.9	--	ND	42.9	--		23.72
Chloroform	47.4	4.74	--	231	23.1	--		23.72
Tetrahydrofuran	ND	11.9	--	ND	35.1	--		23.72
1,2-Dichloroethane	ND	4.74	--	ND	19.2	--		23.72
n-Hexane	ND	4.74	--	ND	16.7	--		23.72
1,1,1-Trichloroethane	1390	4.74	--	7580	25.9	--		23.72
Benzene	ND	4.74	--	ND	15.1	--		23.72
Carbon tetrachloride	ND	4.74	--	ND	29.8	--		23.72
Cyclohexane	ND	4.74	--	ND	16.3	--		23.72
1,2-Dichloropropane	ND	4.74	--	ND	21.9	--		23.72
Bromodichloromethane	ND	4.74	--	ND	31.8	--		23.72
1,4-Dioxane	5.50	4.74	--	19.8	17.1	--		23.72
Trichloroethene	2070	4.74	--	11100	25.5	--		23.72
2,2,4-Trimethylpentane	ND	4.74	--	ND	22.1	--		23.72
Heptane	ND	4.74	--	ND	19.4	--		23.72
cis-1,3-Dichloropropene	ND	4.74	--	ND	21.5	--		23.72
4-Methyl-2-pentanone	ND	11.9	--	ND	48.8	--		23.72
trans-1,3-Dichloropropene	ND	4.74	--	ND	21.5	--		23.72
1,1,2-Trichloroethane	ND	4.74	--	ND	25.9	--		23.72
Toluene	ND	4.74	--	ND	17.9	--		23.72
2-Hexanone	ND	4.74	--	ND	19.4	--		23.72
Dibromochloromethane	ND	4.74	--	ND	40.4	--		23.72
1,2-Dibromoethane	ND	4.74	--	ND	36.4	--		23.72
Tetrachloroethene	27.0	4.74	--	183	32.1	--		23.72
Chlorobenzene	ND	4.74	--	ND	21.8	--		23.72
Ethylbenzene	ND	4.74	--	ND	20.6	--		23.72

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-13 D
Client ID: VMP-16
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 13:50
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	9.49	--	ND	41.2	--		23.72
Bromoform	ND	4.74	--	ND	49.0	--		23.72
Styrene	ND	4.74	--	ND	20.2	--		23.72
1,1,2,2-Tetrachloroethane	ND	4.74	--	ND	32.5	--		23.72
o-Xylene	ND	4.74	--	ND	20.6	--		23.72
4-Ethyltoluene	ND	4.74	--	ND	23.3	--		23.72
1,3,5-Trimethylbenzene	ND	4.74	--	ND	23.3	--		23.72
1,2,4-Trimethylbenzene	ND	4.74	--	ND	23.3	--		23.72
Benzyl chloride	ND	4.74	--	ND	24.5	--		23.72
1,3-Dichlorobenzene	ND	4.74	--	ND	28.5	--		23.72
1,4-Dichlorobenzene	ND	4.74	--	ND	28.5	--		23.72
1,2-Dichlorobenzene	ND	4.74	--	ND	28.5	--		23.72
1,2,4-Trichlorobenzene	ND	4.74	--	ND	35.2	--		23.72
Hexachlorobutadiene	ND	4.74	--	ND	50.6	--		23.72

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	88		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-14 D
Client ID: VMP-14
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 14:13
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/30/22 04:22
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	109.	--	ND	539	--		543.5
Chloromethane	ND	109.	--	ND	225	--		543.5
Freon-114	ND	109.	--	ND	762	--		543.5
Vinyl chloride	621	109	--	1590	279	--		543.5
1,3-Butadiene	ND	109.	--	ND	241	--		543.5
Bromomethane	ND	109.	--	ND	423	--		543.5
Chloroethane	ND	109.	--	ND	288	--		543.5
Ethanol	ND	2720	--	ND	5130	--		543.5
Vinyl bromide	ND	109.	--	ND	477	--		543.5
Acetone	ND	544.	--	ND	1290	--		543.5
Trichlorofluoromethane	ND	109.	--	ND	613	--		543.5
Isopropanol	575	272	--	1410	669	--		543.5
1,1-Dichloroethene	ND	109.	--	ND	432	--		543.5
Tertiary butyl Alcohol	ND	272.	--	ND	825	--		543.5
Methylene chloride	ND	272	--	ND	945	--		543.5
3-Chloropropene	ND	109.	--	ND	341	--		543.5
Carbon disulfide	ND	109.	--	ND	339	--		543.5
Freon-113	ND	109.	--	ND	835	--		543.5
trans-1,2-Dichloroethene	ND	109.	--	ND	432	--		543.5
1,1-Dichloroethane	ND	109.	--	ND	441	--		543.5
Methyl tert butyl ether	ND	109.	--	ND	393	--		543.5
2-Butanone	ND	272.	--	ND	802	--		543.5
cis-1,2-Dichloroethene	ND	109.	--	ND	432	--		543.5

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-14 D
Client ID: VMP-14
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 14:13
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	272.	--	ND	980	--		543.5
Chloroform	ND	109.	--	ND	532	--		543.5
Tetrahydrofuran	ND	272.	--	ND	802	--		543.5
1,2-Dichloroethane	ND	109.	--	ND	441	--		543.5
n-Hexane	48400	109	--	171000	384	--		543.5
1,1,1-Trichloroethane	ND	109	--	ND	595	--		543.5
Benzene	ND	109.	--	ND	348	--		543.5
Carbon tetrachloride	ND	109.	--	ND	686	--		543.5
Cyclohexane	12600	109	--	43400	375	--		543.5
1,2-Dichloropropane	ND	109.	--	ND	504	--		543.5
Bromodichloromethane	ND	109.	--	ND	730	--		543.5
1,4-Dioxane	ND	109.	--	ND	393	--		543.5
Trichloroethene	ND	109	--	ND	586	--		543.5
2,2,4-Trimethylpentane	ND	109.	--	ND	509	--		543.5
Heptane	7190	109	--	29500	447	--		543.5
cis-1,3-Dichloropropene	ND	109.	--	ND	495	--		543.5
4-Methyl-2-pentanone	ND	272.	--	ND	1110	--		543.5
trans-1,3-Dichloropropene	ND	109.	--	ND	495	--		543.5
1,1,2-Trichloroethane	ND	109.	--	ND	595	--		543.5
Toluene	ND	109.	--	ND	411	--		543.5
2-Hexanone	ND	109.	--	ND	447	--		543.5
Dibromochloromethane	ND	109.	--	ND	929	--		543.5
1,2-Dibromoethane	ND	109.	--	ND	838	--		543.5
Tetrachloroethene	188	109	--	1270	739	--		543.5
Chlorobenzene	ND	109.	--	ND	502	--		543.5
Ethylbenzene	ND	109.	--	ND	473	--		543.5

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-14 D
Client ID: VMP-14
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 14:13
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	217.	--	ND	943	--		543.5
Bromoform	ND	109.	--	ND	1130	--		543.5
Styrene	ND	109.	--	ND	464	--		543.5
1,1,2,2-Tetrachloroethane	ND	109.	--	ND	749	--		543.5
o-Xylene	ND	109.	--	ND	473	--		543.5
4-Ethyltoluene	ND	109.	--	ND	536	--		543.5
1,3,5-Trimethylbenzene	ND	109.	--	ND	536	--		543.5
1,2,4-Trimethylbenzene	ND	109.	--	ND	536	--		543.5
Benzyl chloride	ND	109.	--	ND	564	--		543.5
1,3-Dichlorobenzene	ND	109.	--	ND	655	--		543.5
1,4-Dichlorobenzene	ND	109.	--	ND	655	--		543.5
1,2-Dichlorobenzene	ND	109.	--	ND	655	--		543.5
1,2,4-Trichlorobenzene	ND	109.	--	ND	809	--		543.5
Hexachlorobutadiene	ND	109.	--	ND	1160	--		543.5

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	97		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-15 D
Client ID: VMP-15
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 14:30
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/29/22 23:20
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	1.67	--	ND	8.26	--		8.333
Chloromethane	ND	1.67	--	ND	3.45	--		8.333
Freon-114	ND	1.67	--	ND	11.7	--		8.333
Vinyl chloride	ND	1.67	--	ND	4.27	--		8.333
1,3-Butadiene	ND	1.67	--	ND	3.69	--		8.333
Bromomethane	ND	1.67	--	ND	6.48	--		8.333
Chloroethane	ND	1.67	--	ND	4.41	--		8.333
Ethanol	73.7	41.7	--	139	78.6	--		8.333
Vinyl bromide	ND	1.67	--	ND	7.30	--		8.333
Acetone	14.0	8.33	--	33.3	19.8	--		8.333
Trichlorofluoromethane	ND	1.67	--	ND	9.38	--		8.333
Isopropanol	24.9	4.17	--	61.2	10.3	--		8.333
1,1-Dichloroethene	ND	1.67	--	ND	6.62	--		8.333
Tertiary butyl Alcohol	ND	4.17	--	ND	12.6	--		8.333
Methylene chloride	ND	4.17	--	ND	14.5	--		8.333
3-Chloropropene	ND	1.67	--	ND	5.23	--		8.333
Carbon disulfide	ND	1.67	--	ND	5.20	--		8.333
Freon-113	1.68	1.67	--	12.9	12.8	--		8.333
trans-1,2-Dichloroethene	ND	1.67	--	ND	6.62	--		8.333
1,1-Dichloroethane	22.8	1.67	--	92.3	6.76	--		8.333
Methyl tert butyl ether	ND	1.67	--	ND	6.02	--		8.333
2-Butanone	ND	4.17	--	ND	12.3	--		8.333
cis-1,2-Dichloroethene	ND	1.67	--	ND	6.62	--		8.333

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-15 D
Client ID: VMP-15
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 14:30
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	4.17	--	ND	15.0	--		8.333
Chloroform	ND	1.67	--	ND	8.16	--		8.333
Tetrahydrofuran	ND	4.17	--	ND	12.3	--		8.333
1,2-Dichloroethane	ND	1.67	--	ND	6.76	--		8.333
n-Hexane	ND	1.67	--	ND	5.89	--		8.333
1,1,1-Trichloroethane	461	1.67	--	2520	9.11	--		8.333
Benzene	ND	1.67	--	ND	5.34	--		8.333
Carbon tetrachloride	ND	1.67	--	ND	10.5	--		8.333
Cyclohexane	ND	1.67	--	ND	5.75	--		8.333
1,2-Dichloropropane	ND	1.67	--	ND	7.72	--		8.333
Bromodichloromethane	ND	1.67	--	ND	11.2	--		8.333
1,4-Dioxane	3.29	1.67	--	11.9	6.02	--		8.333
Trichloroethene	42.8	1.67	--	230	8.97	--		8.333
2,2,4-Trimethylpentane	ND	1.67	--	ND	7.80	--		8.333
Heptane	ND	1.67	--	ND	6.84	--		8.333
cis-1,3-Dichloropropene	ND	1.67	--	ND	7.58	--		8.333
4-Methyl-2-pentanone	ND	4.17	--	ND	17.1	--		8.333
trans-1,3-Dichloropropene	ND	1.67	--	ND	7.58	--		8.333
1,1,2-Trichloroethane	ND	1.67	--	ND	9.11	--		8.333
Toluene	1.77	1.67	--	6.67	6.29	--		8.333
2-Hexanone	ND	1.67	--	ND	6.84	--		8.333
Dibromochloromethane	ND	1.67	--	ND	14.2	--		8.333
1,2-Dibromoethane	ND	1.67	--	ND	12.8	--		8.333
Tetrachloroethene	525	1.67	--	3560	11.3	--		8.333
Chlorobenzene	ND	1.67	--	ND	7.69	--		8.333
Ethylbenzene	ND	1.67	--	ND	7.25	--		8.333

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

SAMPLE RESULTS

Lab ID: L2219665-15 D
Client ID: VMP-15
Sample Location: 26 CLARENCE AVE, BUFFALO

Date Collected: 04/14/22 14:30
Date Received: 04/14/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	3.33	--	ND	14.5	--		8.333
Bromoform	ND	1.67	--	ND	17.3	--		8.333
Styrene	ND	1.67	--	ND	7.11	--		8.333
1,1,2,2-Tetrachloroethane	ND	1.67	--	ND	11.5	--		8.333
o-Xylene	ND	1.67	--	ND	7.25	--		8.333
4-Ethyltoluene	ND	1.67	--	ND	8.21	--		8.333
1,3,5-Trimethylbenzene	ND	1.67	--	ND	8.21	--		8.333
1,2,4-Trimethylbenzene	ND	1.67	--	ND	8.21	--		8.333
Benzyl chloride	ND	1.67	--	ND	8.65	--		8.333
1,3-Dichlorobenzene	ND	1.67	--	ND	10.0	--		8.333
1,4-Dichlorobenzene	ND	1.67	--	ND	10.0	--		8.333
1,2-Dichlorobenzene	ND	1.67	--	ND	10.0	--		8.333
1,2,4-Trichlorobenzene	ND	1.67	--	ND	12.4	--		8.333
Hexachlorobutadiene	ND	1.67	--	ND	17.8	--		8.333

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	92		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/28/22 15:39

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 12-13 Batch: WG1632196-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/28/22 15:39

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 12-13 Batch: WG1632196-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/28/22 15:39

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 12-13 Batch: WG1632196-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/29/22 15:42

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-11,14-15 Batch: WG1632698-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/29/22 15:42

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-11,14-15 Batch: WG1632698-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/29/22 15:42

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-11,14-15 Batch: WG1632698-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: WEBB - BUFFALO
Project Number: 3214.01
Lab Number: L2219665
Report Date: 06/02/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 04/29/22 16:20

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-05 Batch: WG1632699-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBB - BUFFALO
Project Number: 3214.01

Lab Number: L2219665
Report Date: 06/02/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 12-13 Batch: WG1632196-3								
Dichlorodifluoromethane	80		-		70-130	-		
Chloromethane	79		-		70-130	-		
Freon-114	80		-		70-130	-		
Vinyl chloride	77		-		70-130	-		
1,3-Butadiene	88		-		70-130	-		
Bromomethane	74		-		70-130	-		
Chloroethane	80		-		70-130	-		
Ethanol	128		-		40-160	-		
Vinyl bromide	89		-		70-130	-		
Acetone	105		-		40-160	-		
Trichlorofluoromethane	86		-		70-130	-		
Isopropanol	99		-		40-160	-		
1,1-Dichloroethene	85		-		70-130	-		
Tertiary butyl Alcohol	91		-		70-130	-		
Methylene chloride	89		-		70-130	-		
3-Chloropropene	108		-		70-130	-		
Carbon disulfide	119		-		70-130	-		
Freon-113	93		-		70-130	-		
trans-1,2-Dichloroethene	80		-		70-130	-		
1,1-Dichloroethane	80		-		70-130	-		
Methyl tert butyl ether	84		-		70-130	-		
2-Butanone	91		-		70-130	-		
cis-1,2-Dichloroethene	75		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBB - BUFFALO
Project Number: 3214.01

Lab Number: L2219665
Report Date: 06/02/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 12-13 Batch: WG1632196-3								
Ethyl Acetate	90		-		70-130	-		
Chloroform	86		-		70-130	-		
Tetrahydrofuran	85		-		70-130	-		
1,2-Dichloroethane	79		-		70-130	-		
n-Hexane	102		-		70-130	-		
1,1,1-Trichloroethane	96		-		70-130	-		
Benzene	88		-		70-130	-		
Carbon tetrachloride	102		-		70-130	-		
Cyclohexane	99		-		70-130	-		
1,2-Dichloropropane	90		-		70-130	-		
Bromodichloromethane	112		-		70-130	-		
1,4-Dioxane	96		-		70-130	-		
Trichloroethene	86		-		70-130	-		
2,2,4-Trimethylpentane	104		-		70-130	-		
Heptane	106		-		70-130	-		
cis-1,3-Dichloropropene	97		-		70-130	-		
4-Methyl-2-pentanone	108		-		70-130	-		
trans-1,3-Dichloropropene	85		-		70-130	-		
1,1,2-Trichloroethane	92		-		70-130	-		
Toluene	80		-		70-130	-		
2-Hexanone	100		-		70-130	-		
Dibromochloromethane	108		-		70-130	-		
1,2-Dibromoethane	89		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBB - BUFFALO
Project Number: 3214.01

Lab Number: L2219665
Report Date: 06/02/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 12-13 Batch: WG1632196-3								
Tetrachloroethene	84		-		70-130	-		
Chlorobenzene	88		-		70-130	-		
Ethylbenzene	82		-		70-130	-		
p/m-Xylene	85		-		70-130	-		
Bromoform	111		-		70-130	-		
Styrene	84		-		70-130	-		
1,1,2,2-Tetrachloroethane	93		-		70-130	-		
o-Xylene	88		-		70-130	-		
4-Ethyltoluene	94		-		70-130	-		
1,3,5-Trimethylbenzene	87		-		70-130	-		
1,2,4-Trimethylbenzene	96		-		70-130	-		
Benzyl chloride	109		-		70-130	-		
1,3-Dichlorobenzene	90		-		70-130	-		
1,4-Dichlorobenzene	87		-		70-130	-		
1,2-Dichlorobenzene	87		-		70-130	-		
1,2,4-Trichlorobenzene	80		-		70-130	-		
Hexachlorobutadiene	82		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBB - BUFFALO
Project Number: 3214.01

Lab Number: L2219665
Report Date: 06/02/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-11,14-15 Batch: WG1632698-3								
Dichlorodifluoromethane	84		-		70-130	-		
Chloromethane	81		-		70-130	-		
Freon-114	81		-		70-130	-		
Vinyl chloride	77		-		70-130	-		
1,3-Butadiene	88		-		70-130	-		
Bromomethane	75		-		70-130	-		
Chloroethane	80		-		70-130	-		
Ethanol	126		-		40-160	-		
Vinyl bromide	90		-		70-130	-		
Acetone	109		-		40-160	-		
Trichlorofluoromethane	89		-		70-130	-		
Isopropanol	102		-		40-160	-		
1,1-Dichloroethene	88		-		70-130	-		
Tertiary butyl Alcohol	105		-		70-130	-		
Methylene chloride	116		-		70-130	-		
3-Chloropropene	110		-		70-130	-		
Carbon disulfide	121		-		70-130	-		
Freon-113	94		-		70-130	-		
trans-1,2-Dichloroethene	83		-		70-130	-		
1,1-Dichloroethane	84		-		70-130	-		
Methyl tert butyl ether	86		-		70-130	-		
2-Butanone	93		-		70-130	-		
cis-1,2-Dichloroethene	78		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBB - BUFFALO
Project Number: 3214.01

Lab Number: L2219665
Report Date: 06/02/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-11,14-15 Batch: WG1632698-3								
Ethyl Acetate	93		-		70-130	-		
Chloroform	87		-		70-130	-		
Tetrahydrofuran	88		-		70-130	-		
1,2-Dichloroethane	83		-		70-130	-		
n-Hexane	104		-		70-130	-		
1,1,1-Trichloroethane	96		-		70-130	-		
Benzene	88		-		70-130	-		
Carbon tetrachloride	101		-		70-130	-		
Cyclohexane	100		-		70-130	-		
1,2-Dichloropropane	93		-		70-130	-		
Bromodichloromethane	112		-		70-130	-		
1,4-Dioxane	97		-		70-130	-		
Trichloroethene	88		-		70-130	-		
2,2,4-Trimethylpentane	106		-		70-130	-		
Heptane	108		-		70-130	-		
cis-1,3-Dichloropropene	96		-		70-130	-		
4-Methyl-2-pentanone	109		-		70-130	-		
trans-1,3-Dichloropropene	84		-		70-130	-		
1,1,2-Trichloroethane	92		-		70-130	-		
Toluene	79		-		70-130	-		
2-Hexanone	100		-		70-130	-		
Dibromochloromethane	107		-		70-130	-		
1,2-Dibromoethane	88		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBB - BUFFALO
Project Number: 3214.01

Lab Number: L2219665
Report Date: 06/02/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-11,14-15 Batch: WG1632698-3								
Tetrachloroethene	83		-		70-130	-		
Chlorobenzene	86		-		70-130	-		
Ethylbenzene	83		-		70-130	-		
p/m-Xylene	85		-		70-130	-		
Bromoform	109		-		70-130	-		
Styrene	83		-		70-130	-		
1,1,2,2-Tetrachloroethane	92		-		70-130	-		
o-Xylene	88		-		70-130	-		
4-Ethyltoluene	94		-		70-130	-		
1,3,5-Trimethylbenzene	88		-		70-130	-		
1,2,4-Trimethylbenzene	94		-		70-130	-		
Benzyl chloride	106		-		70-130	-		
1,3-Dichlorobenzene	87		-		70-130	-		
1,4-Dichlorobenzene	87		-		70-130	-		
1,2-Dichlorobenzene	86		-		70-130	-		
1,2,4-Trichlorobenzene	80		-		70-130	-		
Hexachlorobutadiene	81		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: WEBB - BUFFALO
Project Number: 3214.01

Lab Number: L2219665
Report Date: 06/02/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-05 Batch: WG1632699-3								
Vinyl chloride	77		-		70-130	-		25
1,1-Dichloroethene	83		-		70-130	-		25
cis-1,2-Dichloroethene	71		-		70-130	-		25
1,1,1-Trichloroethane	93		-		70-130	-		25
Carbon tetrachloride	93		-		70-130	-		25
Trichloroethene	83		-		70-130	-		25
Tetrachloroethene	79		-		70-130	-		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: WEBB - BUFFALO
Project Number: 3214.01

Lab Number: L2219665
Report Date: 06/02/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-11,14-15 QC Batch ID: WG1632698-5 QC Sample: L2219665-03 Client ID: IA-3						
Dichlorodifluoromethane	0.506	0.507	ppbV	0		25
Chloromethane	0.617	0.623	ppbV	1		25
Freon-114	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	53.6	54.2	ppbV	1		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	46.8	47.7	ppbV	2		25
Trichlorofluoromethane	0.227	0.228	ppbV	0		25
Isopropanol	47.8	48.8	ppbV	2		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	8.81	8.94	ppbV	1		25
Ethyl Acetate	0.939	0.961	ppbV	2		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: WEBB - BUFFALO
Project Number: 3214.01

Lab Number: L2219665
Report Date: 06/02/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-11,14-15 QC Batch ID: WG1632698-5 QC Sample: L2219665-03 Client ID: IA-3						
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	0.550	0.562	ppbV	2		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	ND	ND	ppbV	NC		25
Benzene	ND	ND	ppbV	NC		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	27.0	27.4	ppbV	1		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	25.0	25.5	ppbV	2		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	0.513	0.520	ppbV	1		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: WEBB - BUFFALO
Project Number: 3214.01

Lab Number: L2219665
Report Date: 06/02/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-11,14-15 QC Batch ID: WG1632698-5 QC Sample: L2219665-03 Client ID: IA-3						
p/m-Xylene	2.20	2.24	ppbV	2		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	0.527	0.507	ppbV	4		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1632699-5 QC Sample: L2219665-03 Client ID: IA-3						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	0.031	0.035	ppbV	12		25
1,1,1-Trichloroethane	0.057	0.068	ppbV	18		25
Carbon tetrachloride	0.079	0.086	ppbV	8		25
Trichloroethene	0.118	0.111	ppbV	6		25
Tetrachloroethene	0.393	0.400	ppbV	2		25

Project Name: WEBB - BUFFALO

Project Number: 3214.01

Lab Number: L2219665

Report Date: 06/02/22

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2219665-01	IA-1	02250	Flow 5	04/07/22	383425		-	-	-	Pass	4.5	4.7	4
L2219665-01	IA-1	3872	2.7L Can	04/07/22	383425	L2213403-13	Pass	-29.0	-6.4	-	-	-	-
L2219665-02	IA-2	02256	Flow 5	04/07/22	383425		-	-	-	Pass	4.5	4.8	6
L2219665-02	IA-2	3107	2.7L Can	04/07/22	383425	L2201843-04	Pass	-29.0	-5.5	-	-	-	-
L2219665-03	IA-3	0837	Flow 5	04/07/22	383425		-	-	-	Pass	4.5	3.0	40
L2219665-03	IA-3	3870	2.7L Can	04/07/22	383425	L2213403-11	Pass	-28.9	-5.8	-	-	-	-
L2219665-04	IA-4	0292	Flow 5	04/07/22	383425		-	-	-	Pass	4.5	4.3	5
L2219665-04	IA-4	3874	2.7L Can	04/07/22	383425	L2213403-04	Pass	-29.0	-5.0	-	-	-	-
L2219665-05	EXTERIOR	01884	Flow 5	04/07/22	383425		-	-	-	Pass	4.5	4.6	2
L2219665-05	EXTERIOR	3887	2.7L Can	04/07/22	383425	L2213403-06	Pass	-28.9	-5.2	-	-	-	-
L2219665-06	VMP-4	01760	SV200	04/07/22	383425		-	-	-	Pass	221	213	4
L2219665-06	VMP-4	3875	2.7L Can	04/07/22	383425	L2213403-05	Pass	-29.1	0.0	-	-	-	-
L2219665-07	VMP-11	01242	SV200	04/07/22	383425		-	-	-	Pass	222	214	4
L2219665-07	VMP-11	3871	2.7L Can	04/07/22	383425	L2213403-08	Pass	-29.1	-2.1	-	-	-	-
L2219665-08	VMP-6	01909	SV200	04/07/22	383425		-	-	-	Pass	221	215	3

Project Name: WEBB - BUFFALO

Project Number: 3214.01

Lab Number: L2219665

Report Date: 06/02/22

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2219665-08	VMP-6	3878	2.7L Can	04/07/22	383425	L2213403-18	Pass	-29.0	-1.9	-	-	-	-
L2219665-09	VMP-13	0540	SV200	04/07/22	383425		-	-	-	Pass	221	217	2
L2219665-09	VMP-13	3873	2.7L Can	04/07/22	383425	L2213403-03	Pass	-28.9	-1.4	-	-	-	-
L2219665-10	VMP-8	0604	SV200	04/07/22	383425		-	-	-	Pass	218	212	3
L2219665-10	VMP-8	3879	2.7L Can	04/07/22	383425	L2213403-10	Pass	-29.0	-1.6	-	-	-	-
L2219665-11	VMP-3	0864	SV200	04/07/22	383425		-	-	-	Pass	216	211	2
L2219665-11	VMP-3	3884	2.7L Can	04/07/22	383425	L2213403-07	Pass	-29.3	0.0	-	-	-	-
L2219665-12	VMP-1	01960	SV200	04/07/22	383425		-	-	-	Pass	215	214	0
L2219665-12	VMP-1	2244	2.7L Can	04/07/22	383425	L2201843-05	Pass	-29.0	-1.6	-	-	-	-
L2219665-13	VMP-16	01898	SV200	04/07/22	383425		-	-	-	Pass	218	213	2
L2219665-13	VMP-16	3876	2.7L Can	04/07/22	383425	L2213403-08	Pass	-28.7	-1.4	-	-	-	-
L2219665-14	VMP-14	01866	SV200	04/07/22	383425		-	-	-	Pass	214	209	2
L2219665-14	VMP-14	3877	2.7L Can	04/07/22	383425	L2213403-12	Pass	-28.9	-1.3	-	-	-	-
L2219665-15	VMP-15	01956	SV200	04/07/22	383425		-	-	-	Pass	217	206	5
L2219665-15	VMP-15	3885	2.7L Can	04/07/22	383425	L2213403-14	Pass	-28.9	-1.2	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2201843

Project Number: CANISTER QC BAT **Report Date:** 06/02/22

Air Canister Certification Results

Lab ID: L2201843-04
Client ID: CAN 3107 SHELF 18
Sample Location:

Date Collected: 01/13/22 08:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/15/22 03:13
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2201843

Project Number: CANISTER QC BAT **Report Date:** 06/02/22

Air Canister Certification Results

Lab ID: L2201843-04
Client ID: CAN 3107 SHELF 18
Sample Location:

Date Collected: 01/13/22 08:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2201843
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2201843-04
Client ID: CAN 3107 SHELF 18
Sample Location:

Date Collected: 01/13/22 08:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2201843
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2201843-04
Client ID: CAN 3107 SHELF 18
Sample Location:

Date Collected: 01/13/22 08:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2201843
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2201843-04
Client ID: CAN 3107 SHELF 18
Sample Location:

Date Collected: 01/13/22 08:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	94		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2201843

Project Number: CANISTER QC BAT **Report Date:** 06/02/22

Air Canister Certification Results

Lab ID: L2201843-04
Client ID: CAN 3107 SHELF 18
Sample Location:

Date Collected: 01/13/22 08:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/15/22 03:13
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2201843

Project Number: CANISTER QC BAT **Report Date:** 06/02/22

Air Canister Certification Results

Lab ID: L2201843-04
Client ID: CAN 3107 SHELF 18
Sample Location:

Date Collected: 01/13/22 08:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2201843

Project Number: CANISTER QC BAT **Report Date:** 06/02/22

Air Canister Certification Results

Lab ID: L2201843-04
Client ID: CAN 3107 SHELF 18
Sample Location:

Date Collected: 01/13/22 08:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	96		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2201843
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2201843-05
Client ID: CAN 2244 SHELF 19
Sample Location:

Date Collected: 01/13/22 08:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/15/22 03:51
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2201843

Project Number: CANISTER QC BAT **Report Date:** 06/02/22

Air Canister Certification Results

Lab ID: L2201843-05
Client ID: CAN 2244 SHELF 19
Sample Location:

Date Collected: 01/13/22 08:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2201843

Project Number: CANISTER QC BAT **Report Date:** 06/02/22

Air Canister Certification Results

Lab ID: L2201843-05
Client ID: CAN 2244 SHELF 19
Sample Location:

Date Collected: 01/13/22 08:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2201843
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2201843-05
Client ID: CAN 2244 SHELF 19
Sample Location:

Date Collected: 01/13/22 08:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2201843
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2201843-05
Client ID: CAN 2244 SHELF 19
Sample Location:

Date Collected: 01/13/22 08:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	94		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2201843

Project Number: CANISTER QC BAT **Report Date:** 06/02/22

Air Canister Certification Results

Lab ID: L2201843-05
Client ID: CAN 2244 SHELF 19
Sample Location:

Date Collected: 01/13/22 08:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/15/22 03:51
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2201843

Project Number: CANISTER QC BAT **Report Date:** 06/02/22

Air Canister Certification Results

Lab ID: L2201843-05
Client ID: CAN 2244 SHELF 19
Sample Location:

Date Collected: 01/13/22 08:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2201843
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2201843-05
Client ID: CAN 2244 SHELF 19
Sample Location:

Date Collected: 01/13/22 08:00
Date Received: 01/13/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	95		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-03
Client ID: CAN 3873
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/16/22 01:23
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-03
Client ID: CAN 3873
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-03
Client ID: CAN 3873
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-03
Client ID: CAN 3873
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-03
Client ID: CAN 3873
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	94		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-03
Client ID: CAN 3873
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/16/22 01:23
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: INDIV. CANISTER CERTIFICATION **Lab Number:** L2213403

Project Number: CANISTER QC INDIV **Report Date:** 06/02/22

Air Canister Certification Results

Lab ID: L2213403-03
Client ID: CAN 3873
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-03
Client ID: CAN 3873
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	94		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-04
Client ID: CAN 3874
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/16/22 02:02
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-04
Client ID: CAN 3874
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-04
Client ID: CAN 3874
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-04
Client ID: CAN 3874
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-04
Client ID: CAN 3874
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	94		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-04
Client ID: CAN 3874
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/16/22 02:02
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: INDIV. CANISTER CERTIFICATION **Lab Number:** L2213403

Project Number: CANISTER QC INDIV **Report Date:** 06/02/22

Air Canister Certification Results

Lab ID: L2213403-04
Client ID: CAN 3874
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-04
Client ID: CAN 3874
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	97		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	94		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-05
Client ID: CAN 3875
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/16/22 02:40
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-05
Client ID: CAN 3875
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-05
Client ID: CAN 3875
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-05
Client ID: CAN 3875
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-05
Client ID: CAN 3875
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	93		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-05
Client ID: CAN 3875
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/16/22 02:40
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-05
Client ID: CAN 3875
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-05
Client ID: CAN 3875
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	93		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-06
Client ID: CAN 3887
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/16/22 03:19
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-06
Client ID: CAN 3887
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-06
Client ID: CAN 3887
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-06
Client ID: CAN 3887
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-06
Client ID: CAN 3887
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	93		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-06
Client ID: CAN 3887
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/16/22 03:19
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-06
Client ID: CAN 3887
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-06
Client ID: CAN 3887
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	94		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-07
Client ID: CAN 3884
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/16/22 03:58
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-07
Client ID: CAN 3884
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-07
Client ID: CAN 3884
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-07
Client ID: CAN 3884
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-07
Client ID: CAN 3884
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	93		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-07
Client ID: CAN 3884
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/16/22 03:58
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-07
Client ID: CAN 3884
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-07
Client ID: CAN 3884
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	93		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-08
Client ID: CAN 3876
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/16/22 04:37
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-08
Client ID: CAN 3876
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-08
Client ID: CAN 3876
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-08
Client ID: CAN 3876
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-08
Client ID: CAN 3876
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	93		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-08
Client ID: CAN 3876
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/16/22 04:37
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-08
Client ID: CAN 3876
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-08
Client ID: CAN 3876
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	91		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-10
Client ID: CAN 3879
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/16/22 05:55
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-10
Client ID: CAN 3879
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-10
Client ID: CAN 3879
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-10
Client ID: CAN 3879
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-10
Client ID: CAN 3879
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	91		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-10
Client ID: CAN 3879
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/16/22 05:55
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: INDIV. CANISTER CERTIFICATION **Lab Number:** L2213403

Project Number: CANISTER QC INDIV **Report Date:** 06/02/22

Air Canister Certification Results

Lab ID: L2213403-10
Client ID: CAN 3879
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Project Name: INDIV. CANISTER CERTIFICATION **Lab Number:** L2213403

Project Number: CANISTER QC INDIV **Report Date:** 06/02/22

Air Canister Certification Results

Lab ID: L2213403-10
Client ID: CAN 3879
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	91		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-11
Client ID: CAN 3870
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/16/22 18:47
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-11
Client ID: CAN 3870
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-11
Client ID: CAN 3870
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-11
Client ID: CAN 3870
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-11
Client ID: CAN 3870
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	94		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-11
Client ID: CAN 3870
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/16/22 18:47
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-11
Client ID: CAN 3870
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-11
Client ID: CAN 3870
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	93		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-12
Client ID: CAN 3877
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/16/22 19:26
Analyst: TS

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: INDIV. CANISTER CERTIFICATION **Lab Number:** L2213403

Project Number: CANISTER QC INDIV **Report Date:** 06/02/22

Air Canister Certification Results

Lab ID: L2213403-12
Client ID: CAN 3877
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-12
Client ID: CAN 3877
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-12
Client ID: CAN 3877
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-12
Client ID: CAN 3877
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	96		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-12
Client ID: CAN 3877
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/16/22 19:26
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: INDIV. CANISTER CERTIFICATION **Lab Number:** L2213403

Project Number: CANISTER QC INDIV **Report Date:** 06/02/22

Air Canister Certification Results

Lab ID: L2213403-12
Client ID: CAN 3877
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-12
Client ID: CAN 3877
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	95		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-13
Client ID: CAN 3872
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/16/22 20:05
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-13
Client ID: CAN 3872
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-13
Client ID: CAN 3872
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-13
Client ID: CAN 3872
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-13
Client ID: CAN 3872
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	95		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-13
Client ID: CAN 3872
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/16/22 20:05
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-13
Client ID: CAN 3872
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-13
Client ID: CAN 3872
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	94		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-14
Client ID: CAN 3885
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/16/22 20:44
Analyst: TS

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-14
Client ID: CAN 3885
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-14
Client ID: CAN 3885
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-14
Client ID: CAN 3885
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-14
Client ID: CAN 3885
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	95		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-14
Client ID: CAN 3885
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/16/22 20:44
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: INDIV. CANISTER CERTIFICATION **Lab Number:** L2213403

Project Number: CANISTER QC INDIV **Report Date:** 06/02/22

Air Canister Certification Results

Lab ID: L2213403-14
Client ID: CAN 3885
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-14
Client ID: CAN 3885
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	94		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-18
Client ID: CAN 3878
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/16/22 23:20
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-18
Client ID: CAN 3878
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-18
Client ID: CAN 3878
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: INDIV. CANISTER CERTIFICATION
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Lab Number: L2213403
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Air Canister Certification Results

Lab ID: L2213403-18
Client ID: CAN 3878
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-18
Client ID: CAN 3878
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	95		60-140

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-18
Client ID: CAN 3878
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/16/22 23:20
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: INDIV. CANISTER CERTIFICATION **Lab Number:** L2213403

Project Number: CANISTER QC INDIV **Report Date:** 06/02/22

Air Canister Certification Results

Lab ID: L2213403-18
Client ID: CAN 3878
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2213403
Report Date: 06/02/22

Air Canister Certification Results

Lab ID: L2213403-18
Client ID: CAN 3878
Sample Location:

Date Collected: 03/14/22 08:00
Date Received: 03/15/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	95		60-140

Project Name: WEBB - BUFFALO
Project Number: 3214.01

Lab Number: L2219665
Report Date: 06/02/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2219665-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2219665-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2219665-03A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2219665-04A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2219665-05A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2219665-06A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2219665-07A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2219665-08A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2219665-09A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2219665-10A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2219665-11A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2219665-12A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2219665-13A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2219665-14A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2219665-15A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	WEBB - BUFFALO	**Lab Number:**	L2219665
Project Number:	3214.01	**Report Date:**	06/02/22

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	WEBB - BUFFALO	**Lab Number:**	L2219665
Project Number:	3214.01	**Report Date:**	06/02/22

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Project Name:	WEBB - BUFFALO	**Lab Number:**	L2219665
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Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name:	WEBB - BUFFALO	**Lab Number:**	L2219665
Project Number:	3214.01	**Report Date:**	06/02/22

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

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

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

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

AIR ANALYSIS

PAGE 1 OF 2

ALPHA ANALYTICAL — CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 4/15/22

ALPHA Job #: L2219665

Client Information

Client: Alliance Env. Group
Address: 832 Dyer Avenue
Cranston, RI
Phone: 401-732-7600
Fax:
Email: tim.nevins@fwwebb.com
❑ These samples have been previously analyzed by Alpha

Project Information

Project Name: Webb - Buffalo
Project Location: 26 Clarence Ave, Buffalo
Project #: 3124-01
Project Manager: Tim Nevins
ALPHA Quote #:

Turn-Around Time

☒ Standard ❑ RUSH (only confirmed if pre-approved)
Date Due: 4/28/2022 Time: EOD

Report Information - Data Deliverables

❑ FAX
☒ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
❑ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NYS	DOH	Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ❑

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs ❑	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
196665-01	1A-1	4/14/22	0726	1543	-28.60	-6.61	AA	TN	2.7	3870	02250	X					
-02	1A-2	4/14/22	0741	1543	-28.65	-5.67	AA	TN	2.7	3807	02256	X					
-03	1A-3	4/14/22	0745	1548	-28.66	-5.73	AA	TN	2.7	3870	08372	X					
-04	1A-4	4/14/22	0751	1545	-29.05	-5.42	AA	TN	2.7	3874	02928	X					
-05	Exterior	4/14/22	0754	1546	-28.71	-5.59	AA	TN	2.7	3887	01884	X					
-06	VMP-4	4/14/22	0918	0933	-28.16	-0.08	SV	TN	2.7	3875	01760	X					
-07	VMP-11	4/14/22	0940	0954	-28.56	-1.99	SV	TN	2.7	3871	01747	X					
-08	VMP-6	4/14/22	1010	1023	-28.48	-1.71	SV	TN	2.7	3878	01909	X					
-09	VMP-13	4/14/22	1031	1044	-28.68	-1.81	SV	TN	2.7	3873	05410	X					
-10	VMP-8	4/14/22	1104	1118	-28.73	-1.79	SV	TN	2.7	3879	06041	X					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: Summa X

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
	4/14/22 1551	AAA	4/14/22 1551
AAA	4/14/22 1620		4/15/22 0030
	4/15/22 0500		4/15/22 0900
	4/15/22 1000		4/15/22 10:00

Form No: 101-02 Rev: (25-Sep-15)

AIR ANALYSIS

PAGE 2 OF 2

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
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Email: tim.nevins@fwwebb.com
☐ These samples have been previously analyzed by Alpha

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Project #: 3124-01
Project Manager: Tim Nevins
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: 4/28/2022 Time: EOD

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NYS	DOH	Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subset Non-petroleum HCs	☐ Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
19665-11	VMP-3	4/14/2022	1137	1152	-27.10	-0.72	SV	TN	2.7	3884	0864	X					
-12	VMP-1	4/14/22	1321	1334	-28.63	-1.52	SV	TN	2.7	2944	01960	X					
-13	VMP-16	4/14/22	1336	1350	-29.07	-1.01	SV	TN	2.7	3876	01898	X					
-14	VMP-~~13~~ 14	4/14/22	1359	1413	-28.60	-1.34	SV	TN	2.7	3877	01866	X					
-15	VMP-15	4/14/22	1416	1430	-29.18	-0.95	SV	TN	2.7	3885	01956	X					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
	4/14/22/1551		4/14/22 1551
AAL	4/14/22 1620	AAL	4/15/22 0030
	4-14-22 2300		4/15/22 0730
	4/15/22 1000		4/15/22 1040

Form No: 101-02 Rev: (25-Sep-15)

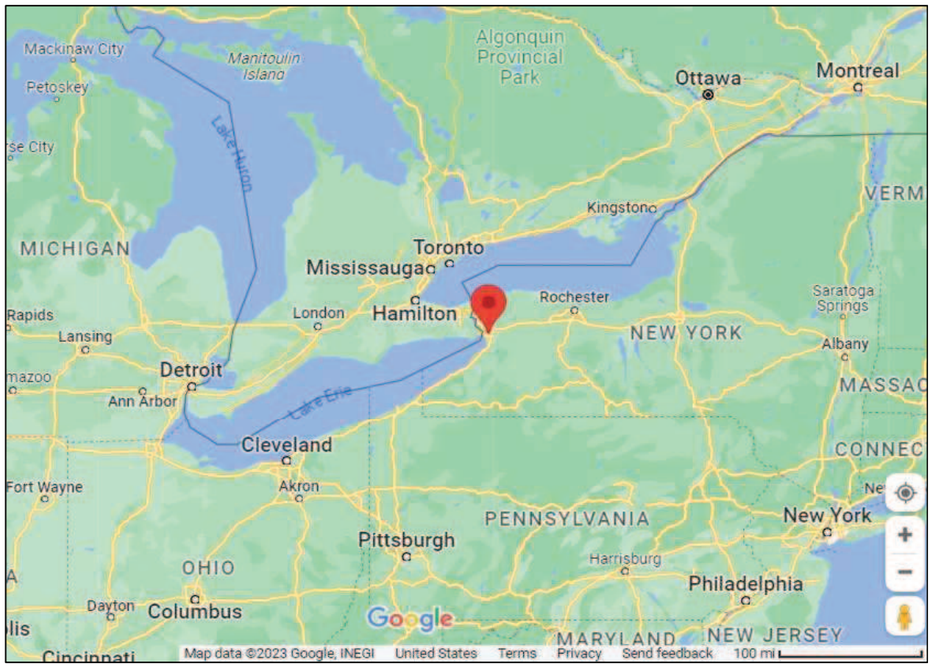
APPENDIX G

Design Package – Proposed Sub-Slab Depressurization Systems

Vapor Mitigation System Design

FW Webb Site

26 Clarence Avenue, Buffalo, New York



Date:
July 16, 2024

Prepared by:

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Alpine ENVIRONMENTAL SERVICES
Alliance Environmental Group
An F.W. Webb Company

DATE:
July 2023

F.W. Webb Site
26 Clarence Avenue
Buffalo, New York

DESCRIPTION	DATE
Draft	July 11, 2023
Final	

PROJECT NO. 2329686-R

SHEET NO.

V - 0.0

SHEET TITLE	Title & Location		
DRAWN BY	PS	CHECKED BY	MS

PART 1 REFERENCE AND SCHEDULES

1.01 APPLICABLE SPECIFICATIONS, CODES, AND STANDARDS

A. OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor sources to Indoor Air, US EPA Publication No. 9200.2-154 (2015)
B. ANSI/AARST RMS-LB 2018, Radon Mitigation Standards for Schools and Large Buildings.
C. ASTM D-2665-11 - Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings
D. ASTM D-2564 - Standard Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems
E. ASTM F-656-10 - Standard Specification for Primers for Use in Solvent Cement Joints of Poly(Vinyl Chloride) (PVC) Plastic Pipe and Fittings.

1.02 DEFINITIONS & ABBREVIATIONS

AOI - Area of Influence: The area to be covered by the vapor mitigation system.
cfm - cubic feet per minute
DWV - Drain Waste, and Vent
PMP - Pressure monitoring port.
PC- Performance Criteria : The minimal acceptable sub slab to room vacuum pressure induced by the vapor mitigation system in the AOI (-0.004"WC).
ROI- Radius of Influence: The radius extending out from an extraction point where the PC is met or exceeded.
SP- Subject Property, 26 Clarence Avenue, Buffalo, New York.
SSD- Sub Slab Depressurization: Creation of a vacuum (negative differential pressure) under the ground floor slab with respect to the room above.
VM - Vapor Mitigation: Measures to interrupt the contaminant vapor migration pathway from the sub surface into indoor air.
"WC - Inches of Water Column

1.03 SCHEDULES

A. Schedule of Vapor Mitigation drawings:

Sheet	Area/Description
V-0.0	Title
V-0.1	General Notes 1
V-0.2	General Notes 2
V-0.3	General Notes 3
V-0.4	General Notes 4
V-1a	Drawing: Pilot Testing Locations & Data: Alliance Environmental Group
V-1b	Drawing: Pilot Testing Locations & Data: Overview (Alpine)
V-1c	Drawing: Pilot Testing Locations & Data: EXP-1 (Alpine)
V-1d	Drawing: Pilot Testing Locations & Data: EXP-2 (Alpine)
V-1e	Drawing: Pilot Testing Locations & Data: EXP-3 (Alpine)
V-2	Drawing: Vapor Mitigation System Layout, Plan View
V-3a	Drawing: Details 1, Extraction Points and Moisture Discharge Points
V-3b	Drawing: Details 2, Fan mounting
V-3c	Drawing: Details 3, Monitoring Panel
V-3d	Drawing: Details 4, Column Trenching

B. Schedule of Vapor Mitigation System Cut Sheets:

Sheet	Manufacturer/Model	Description
CS-01	Radonaway HS5500	System Fan
CS-02	Dwyer Instruments Magnehelic 2040	Differential Pressure Gauge

1.04 AREA OF INFLUENCE

The Area of Influence, the area to be covered by the vapor mitigation system, has been delineated as the footprint of the Subject Property (SP) Building.

1.05 BASIS FOR DESIGN

The vapor mitigation design was developed utilizing the following:

A. Area of influence: Footprint of the SP Building.

B. Performance Criteria: The minimal acceptable sub slab to room vacuum pressure induced by the vapor mitigation system in the AOI is -1 Pascal (-0.004 "WC). This is a boundary target, and all other areas covered by the system shall meet or exceed it.

C. Pilot testing was performed in the SP June 2023. Fans with different characteristics were operated on test extraction holes at representative areas with the SP footprint. Fan operating pressures and sub slab floor vacuum readings were measured and recorded. Results of the pilot testing are located on drawing sheet V-1a through V-1e.

PART 2 MATERIALS

2.01 PIPE, FITTINGS, & VALVES

A. Pipe & Fittings
1. All piping, from extraction points up to the fan inlet connection shall be 3" inside diameter PVC.
2. All pipe fittings shall be 3" inside diameter PVC with slip connectors suitable for solvent weld to 3" PVC pipe, with the exception of fan connectors.
3. Fan connectors shall be flexible PVC fittings with screw tightened clamps (Ferncos or equivalent) sized to connect the piping to the fan connection points.
4. All exhaust stack pipes above the Radonaway HS5500 fans shall be 3-inch nominal inside diameter PVC pipe.

STATE OF NEW YORK * MICHAEL A. ROWE * LICENSED PROFESSIONAL ENGINEER 071955-1

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Alliance Environmental Group An F.W. Webb Company

DATE: July 2023

F.W. Webb Site
26 Clarence Avenue
Buffalo, New York

DESCRIPTION	DATE
Draft	July 11, 2023
Final	

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SHEET NO.

V - 0.1

SHEET TITLE	General Notes 1		
DRAWN BY	PS	CHECKED BY	MS

B. Valves
1. Extraction point valves shall be 3" PVC ball or gate valves, with slip connections acceptable for airtight solvent weld to Schedule 40 PVC pipe.

2.02 SYSTEM FAN/BLOWER & ACCESSORIES

A. Schedule of System Fans (or acceptable equivalents):

Quantity	Manufacturer/Model	Description
8	Radonaway HS5500	High Suction Mitigation Fan

B. All fan strut fasteners, exterior pipe clamps, and exterior mounted items shall be rated for exterior use.

2.03 SYSTEM MONITORING EQUIPMENT

A. Differential Pressure Gauge
1. Dwyer Magnehelic (www.dwyer-inst.com) Differential Pressure Gauges on Radonaway HS5500 sub systems shall have a range from zero to forty inches of water column. (Quantity: 8)

PART 3 EXECUTION

3.01 INSTALLATION

A. Extraction Points (EPs).

EPs shall be installed at twenty-one locations throughout the footprint of the SP building. Extraction points shall be installed at locations identified on Sheet V-2. See Sheet V-3a for installation details. "Provisional EPs shown on V-2 shall be installed if post installation sub slab to room differential pressure testing shows boundary vacuum readings in those areas to fall short of the Performance Criteria.

EPs shall be installed through a four to five-inch hole through the concrete floor with approximately 1 cubic foot of soils removed and extend at least 12 inches below the slab surface. The 3-inch diameter PVC pipe shall be secured within the concrete extraction hole by inserting a PVC fitting or collar which fits tight in the hole. Urethane caulking shall be installed in the annulus between the concrete slab and the pipe fitting/collar to flush with the interior floor surface, following the urethane manufacturer's installation instructions. The pipe shall also be secured to walls at the specified intervals. Each sub slab extraction point shall be fitted with a ball or gate valve, equal in size to the size of the pipe used for the extraction point. All valves shall be installed in a vertical position.

Column or wall footings may be encountered under the concrete floor slab close to columns and walls and may extend out beyond the column, and may be immediately under the concrete slab. If the column or wall footing prevents installation of the EPs within one foot of the nearest edge of the column and the footing is immediately under the concrete floor slab (ie no soils between the footing and the concrete floor), the extraction point shall be installed as a "Trenched Extraction Point". See 3.01B below and Drawing Sheet V-3d for details.

B. Trenched Extraction Points

1. A Trenched Extraction Point is a trench cut into the concrete floor and the concrete footing below to allow for the extraction point piping to be run beyond the edge of the footing and extract from a cavity created at the edge of the footing without further encroachment into the usable space. See Drawing Sheet V-3d for details.

C. Moisture Discharge Point (MDP)

One MDP is shown on Sheet V-2 as part of sub system 8. This feature allows the pipe to create a low point without creating a water/condensate trap, and drains off water/condensation below the floor slab without losing vacuum extension in the area. See V-3a for details. MDPs can be added at the discretion of the installer if site conditions require the pipe to decrease in elevation in the direction of airflow to avoid structures or to maintain the owner's required minimum clearance.

D. Pipe System

1. Steps will be taken to ensure that foreign materials are not left or drawn into the system piping or fans which might later interfere with VM system performance.
2. All above slab and below slab pipe, fitting, and valve connections shall be solvent welded, with the exception of the fan connections.
3. Horizontal pipe runs shall be sloped toward the sub slab extraction or moisture discharge points a minimum of $^1/_8$ inch per foot. No water traps shall be created in any vapor mitigation system pipe.
4. Horizontal and vertical runs of vapor mitigation system piping shall be supported in accordance with applicable building codes for DWV pipe of the same type and size.
5. Approximate routing of pipe to exhaust locations is indicated on the accompanying drawings. Field adjustments shall be made to avoid conflicts with current service, access, or use requirements of the space.
6. A screen cap with grid openings between 3/8" and 1/2" shall be placed on the terminal end of all fan exhasut pipes.

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Final	
Draft	July 11, 2023

PROJECT NO. 23-29686-R

SHEET NO.

V - 0.2

SHEET TITLE	General Notes 2		
DRAWN BY	PS	CHECKED BY	MS

E. Fan Installation

1. Install fans in accordance with manufacturer's installation requirements.
2. Fan specified in section 1.03B, CS-01, shall be side wall mounted at the locations designated on Sheet 2.
3. Fan connections to pipe shall be with appropriately sized flexible PVC couplings (Fernco or equivalent).
4. Provide support strut to anchor fan to building sidewall. See Sheet V-3a for details.
5. Exhaust discharge shall continue above fan and beyond the edge of the roof by a minimum of 12 inches. The exhaust location must be at least 10 feet above ground level. Additionally, it shall be 2 feet above, or if not 2 feet above then 10 feet horizontally from any opening to the building air or air intake. Extend exhaust stack discharge height as needed to meet this requirement.
6. Any roof penetrations shall be sealed weather tight.

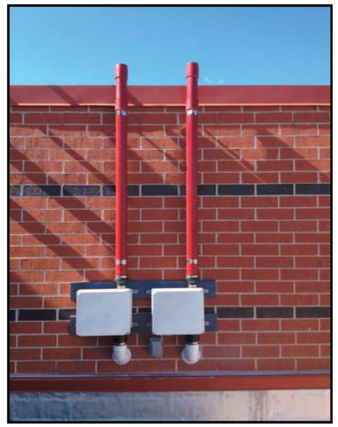

Figure 3.01C: Example of sidewall mounted fans with exhaust stack.

F. Monitoring Panel/ Monitoring Equipment

1. Monitoring panels shall be installed at locations indicated on Sheet V-2.
2. The monitoring panel shall include a mechanical pressure gauge for each sub system (ie fan) measuring the real time pressure in the sub system trunk pipe, above any sub system valves.
3. Pressure gauges shall be connected to the monitoring location of the system pipe with polyethylene (or equivalent) tubing and a brass barb.
4. See Figure 3.01F for an example of a monitoring panel and drawing sheet V-3c for details.

Figure 3.01F: Example of Monitoring Panel

G. Labeling

1. Label the EPs within above the suspended ceiling on each the extraction point with permanent stick on labels, below the valve, with the number convention identified in Sheets V-4a, V-4b. V-4c, and V-4d.
2. Label above slab piping at least once every 20 feet, at least once per room, at least once on every floor, and on the roof. Label shall read "Vapor Mitigation System" and shall be readable from a distance of three feet.
3. Circuit breaker(s) in the electric panel serving the vapor mitigation system fans shall be labeled as " Vapor Mitigation Fan(s)".

H. Electrical

1. Fans and Alarm panel electrical wiring and connection shall be in accordance with applicable electrical codes.
2. Fan electrical connections shall comply with manufacturer requirements.
3. A weather tight electrical disconnect shall be provided within six feet of each fan on the exterior of the building.
4. Fan electrical connections shall be through a dedicated electrical circuit breaker, although multiple fans can be on the same circuit, provided the circuit has sufficient capacity. Connect electric to nearest electrical circuit panel with sufficient capacity and space.

I. System Controls

1. The mitigation fan is operated as on or off as controlled by a manual electrical disconnect adjacent to the fans and by the electrical circuit breaker inside the building. Adjustment to the ROI is controlled by manual adjustment of the EP valves and fan speed control. All valves on a sub system should never be fully closed simultaneously.

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Alpine ENVIRONMENTAL SERVICES
Alliance Environmental Group An F.W. Webb Company

DATE: July 2023

F.W. Webb Site
26 Clarence Avenue
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PROJECT NO. 23-29686-R

SHEET NO.

V - 0.3

SHEET TITLE	General Notes 3		
DRAWN BY	PS	CHECKED BY	MS

3.02 TESTING & BALANCING

A. Testing & Balancing

Following the installation of the VM system, the following tests shall be performed to verify the system is operating optimally. The post installation testing shall include the following:
1. Verify system fan is operating within manufacturer's specifications (i.e. not exceeding maximum operating pressure, etc.).
2. Verify system gauges are operating correctly by turning off system fans observing results.
3. Perform sub slab to room differential pressure testing with a digital micro manometer to verify pressure field extension throughout the AOI.
4. Adjust valves to balance the sub slab vacuum in the AOI.
5. The VM system shall be considered successful when the sub slab to room vacuum within the AOI is at least -0.004"WC and can be continuously demonstrated.

3.03 DOCUMENTATION

A. Operations & Maintenance Report

Following the installation of the VM system, an Operations & Maintenance Report shall be provided in electronic format (PDF). Post Installation Report shall include the Following Items:

1. A written description of the system installed, including make/model of fans, fan serial numbers (if any), system fan date of manufacture.
2. A chart indicating the pressure in each sub system with provisions for recording future readings.
3. Manufacturer paperwork (including warranty paperwork) for all fans, meters, alarms, gauges, switches, etc. installed.
4. Photos with description of system components.
5. As built drawing of the location of fans, system piping, gauges, valves, switches, and electrical tie in location, etc.
6. Post installation sub slab pressure test data on drawing indicating test locations demonstrating system meets or exceeds the Performance Criteria.
7. Troubleshooting table.
8. Provide inspection criteria and timeline.

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Alliance Environmental Group An F.W. Webb Company

DATE:
July 2023

F.W. Webb Site
26 Clarence Avenue
Buffalo, New York

DESCRIPTION	DATE
Draft	July 11, 2023
Final	

PROJECT NO. 23-29686-R

SHEET NO.

V - 0.4

SHEET TITLE	General Notes 4		
DRAWN BY	PS	CHECKED BY	MS

LEGEND:

Test Extraction Point: ⊗ EXP-1
Temporary (sealed after test)

Test Point ID (Alliance): ● VMP-1
Permanent (existing)

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Alpine ENVIRONMENTAL SERVICES

Alliance Environmental Group An F.W.Webb Company

STATE OF NEW YORK · MICHAEL A. ROWE · LICENSED PROFESSIONAL ENGINEER · 071955-1

DATE: June 2023

26 Clarence Avenue
Buffalo, New York

DESCRIPTION:	DATE:
Final	July 15, 2024

PROJECT NO:

SHEET NO:

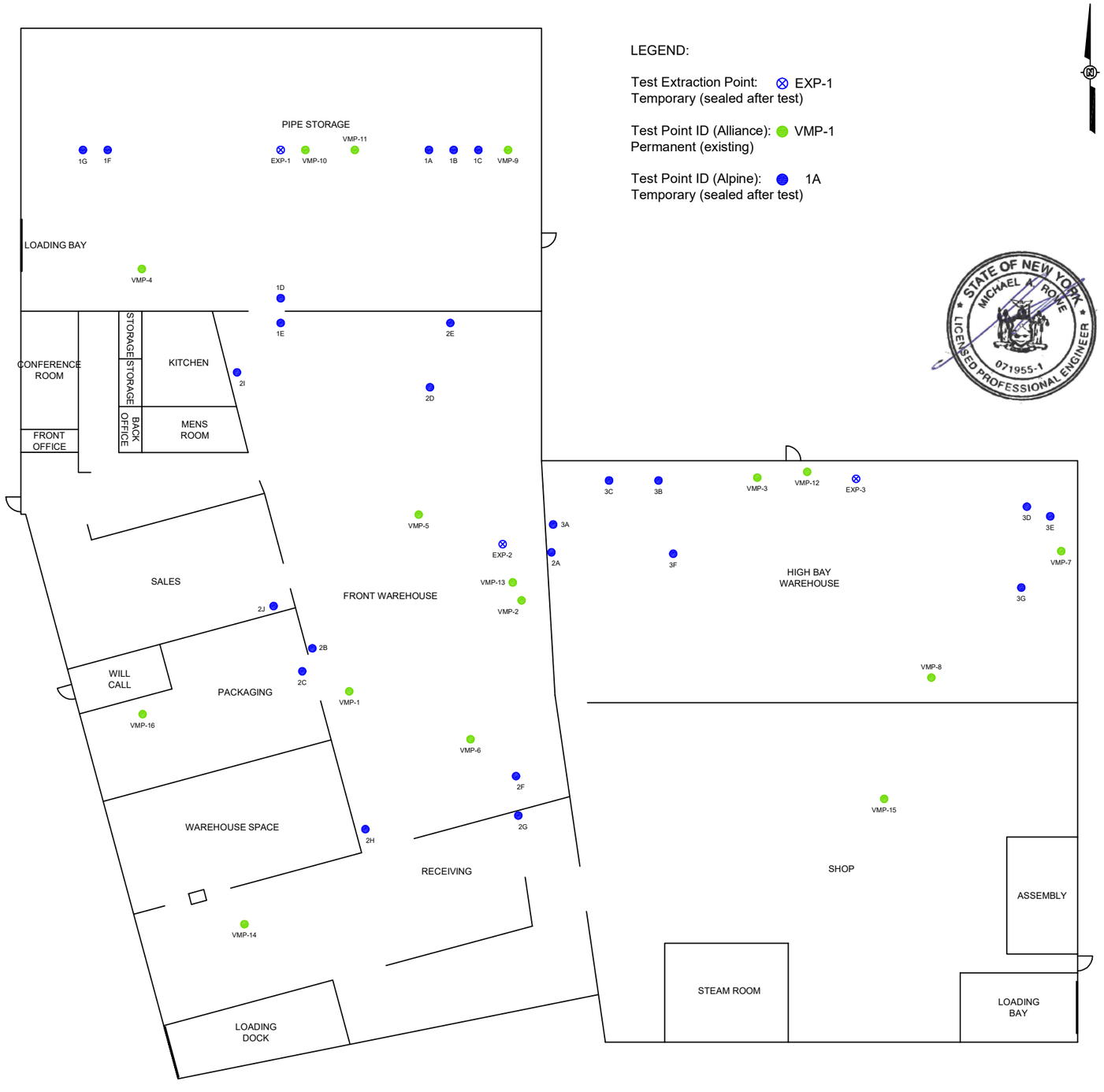
V-1a

SHEET TITLE:	ALLIANCE ENVIRONMENTAL: PILOT TESTING LOCATIONS			
DRAWN BY:	BG	CHECKED BY:	MS	

EXP-1	Distance (ft)	Static (IN WC)	HS5000 / 35"
VMP-10	5	0.000	-0.090
VMP-11	15	0.000	-0.038
1A	30	0.000	-0.015
1B	35	0.000	-0.010
1C	40	0.000	-0.008
VMP-9	46	0.000	0.000
1D	30	0.000	-0.003
1E	35	0.000	-0.002
VMP-4	37	0.000	-0.003
1F	35	0.000	-0.018
1G	40	0.000	-0.014

EXP-2	Distance (ft)	Static (IN WC)	HS5000 / 20"
VMP-5	18	0.000	-0.035
2D	35	0.000	-0.025
2E	46	0.000	-0.006
2I	64	0.001	-0.002
VMP-2	12	0.000	-0.032
VMP-13	8	0.000	-0.042
2A	10 (footing)	0.000	-0.002
VMP-6	40	0.000	-0.009
2F	47	0.002	-0.003
2G	55 (Footing)	0.001	0.000
2H	60	0.002	-0.008
VMP-1	43	0.000	-0.017
2B	46	0.000	-0.016
2C	48	0.000	-0.018
2J	48	0.001	-0.010

EXP-3	Distance (ft)	Static (IN WC)	HS5000 / 20"
VMP-7	44	n/a	n/a
3D	35	0.000	-0.003
3E	40	0.000	-0.003
3G	40	0.000	-0.046
VMP-8	43	0.000	-0.060
VMP-15	65	0.000	-0.002
3F	40	0.000	-0.008
3A	62	0.000	0.000
VMP-12	10	0.000	-0.421
VMP-3	20	0.000	-0.031
3B	40	0.000	-0.003
3C	50	0.000	-0.001



LEGEND:

Test Extraction Point: ⊗ EXP-1
Temporary (sealed after test)

Test Point ID (Alliance): ● VMP-1
Permanent (existing)

Test Point ID (Alpine): ● 1A
Temporary (sealed after test)

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LICENSED PROFESSIONAL ENGINEER
071955-1

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Alliance Environmental Group
An F.W. Webb Company

DATE:
June 2023

26 Clarence Avenue
Buffalo, New York

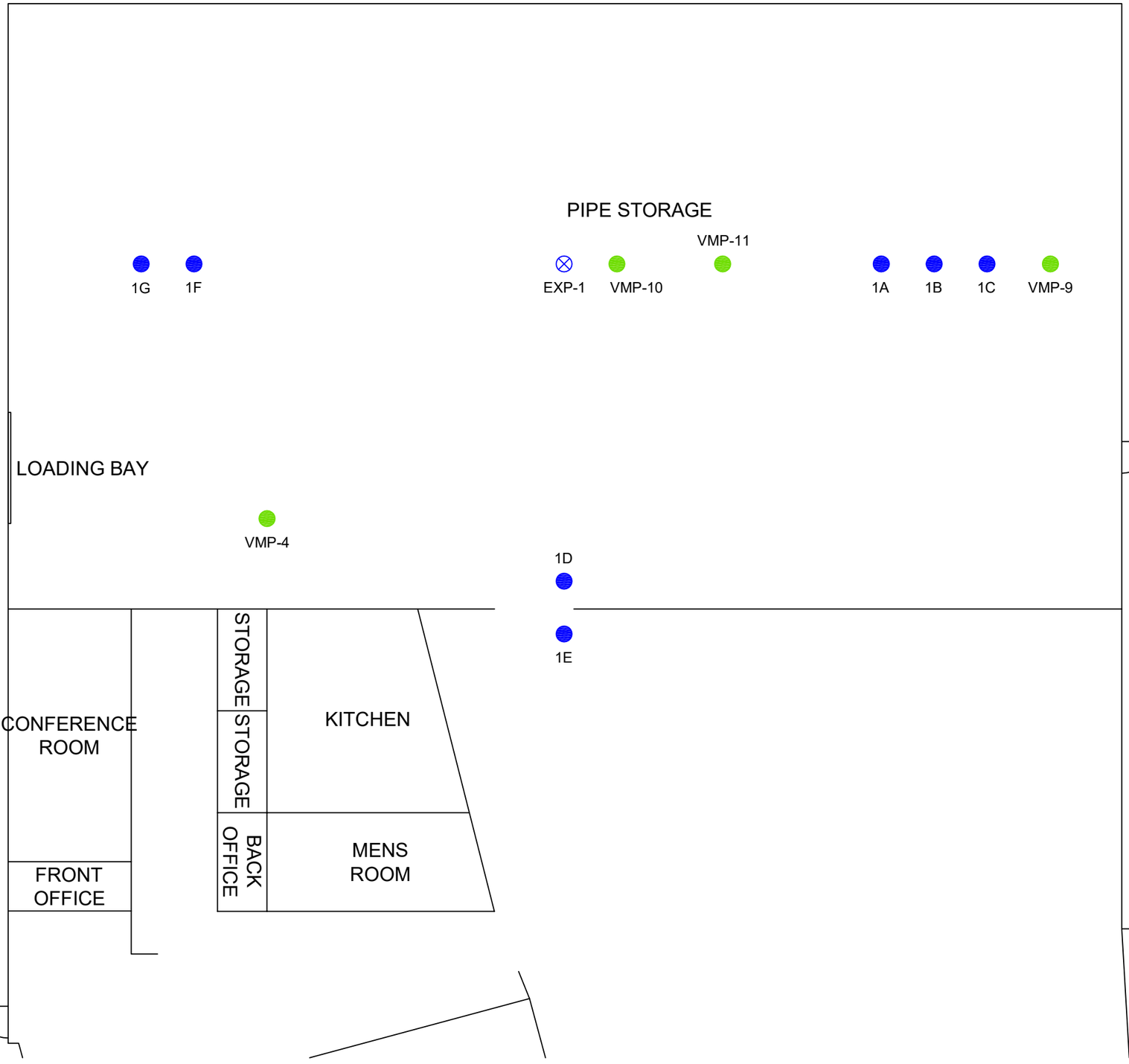
DESCRIPTION:	DATE:
Final	July 15, 2024

PROJECT NO:

SHEET NO:

V-1b

SHEET TITLE:	ALPINE ENVIRONMENTAL: PILOT TESTING LOCATIONS OVERVIEW		
DRAWN BY:	BG	CHECKED BY:	MS



LEGEND:

Test Extraction Point: ⊗ EXP-1
Temporary (sealed after test)

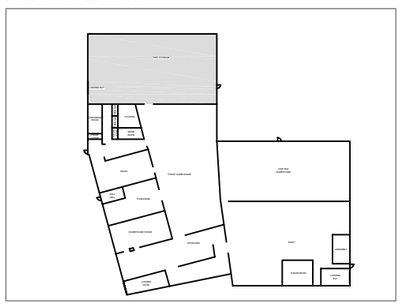
Test Point ID (Alliance): ● VMP-1
Permanent (existing)

Test Point ID (Alpine): ● 1A
Temporary (sealed after test)

STATE OF NEW YORK · MICHAEL A. ROWE · LICENSED PROFESSIONAL ENGINEER · 071955-1

EXP-1	Distance (ft)	Static (IN WC)	HS5000 / 35"
VMP-10	5	0.000	-0.090
VMP-11	15	0.000	-0.038
1A	30	0.000	-0.015
1B	35	0.000	-0.010
1C	40	0.000	-0.008
VMP-9	46	0.000	0.000
1D	30	0.000	-0.003
1E	35	0.000	-0.002
VMP-4	37	0.000	-0.003
1F	35	0.000	-0.018
1G	40	0.000	-0.014

KEY PLAN:



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Alpine ENVIRONMENTAL SERVICES

Alliance Environmental Group An F.W. Webb Company

DATE: June 2023

26 Clarence Avenue
Buffalo, New York

DESCRIPTION:	DATE:
Final	July 15, 2024

PROJECT NO:

SHEET NO:

V-1c

SHEET TITLE:	ALPINE ENVIRONMENTAL: PILOT TESTING; EXP-1 LOCATION		
DRAWN BY:	BG	CHECKED BY:	MS

EXP-2	Distance (ft)	Static (IN WC)	HS5000 / 20"
VMP-5	18	0.000	-0.035
2D	35	0.000	-0.025
2E	46	0.000	-0.006
2I	64	0.001	-0.002
VMP-2	12	0.000	-0.032
VMP-13	8	0.000	-0.042
2A	10 (footing)	0.000	-0.002
VMP-6	40	0.000	-0.009
2F	47	0.002	-0.003
2G	55 (Footing)	0.001	0.000
2H	60	0.002	-0.008
VMP-1	43	0.000	-0.017
2B	46	0.000	-0.016
2C	48	0.000	-0.018
2J	48	0.001	-0.010

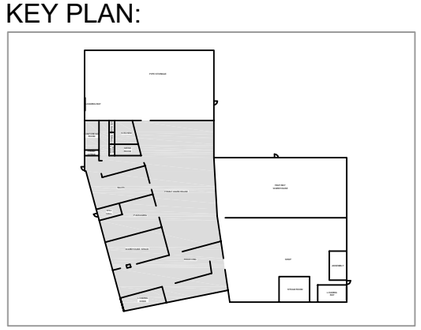
LEGEND:

Test Extraction Point: ⊗ EXP-1
Temporary (sealed after test)

Test Point ID (Alliance): ● VMP-1
Permanent (existing)

Test Point ID (Alpine): ● 1A
Temporary (sealed after test)

KEY PLAN:



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STATE OF NEW YORK
MICHAEL A. ROWE
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071955-1

DATE:
June 2023

26 Clarence Avenue
Buffalo, New York

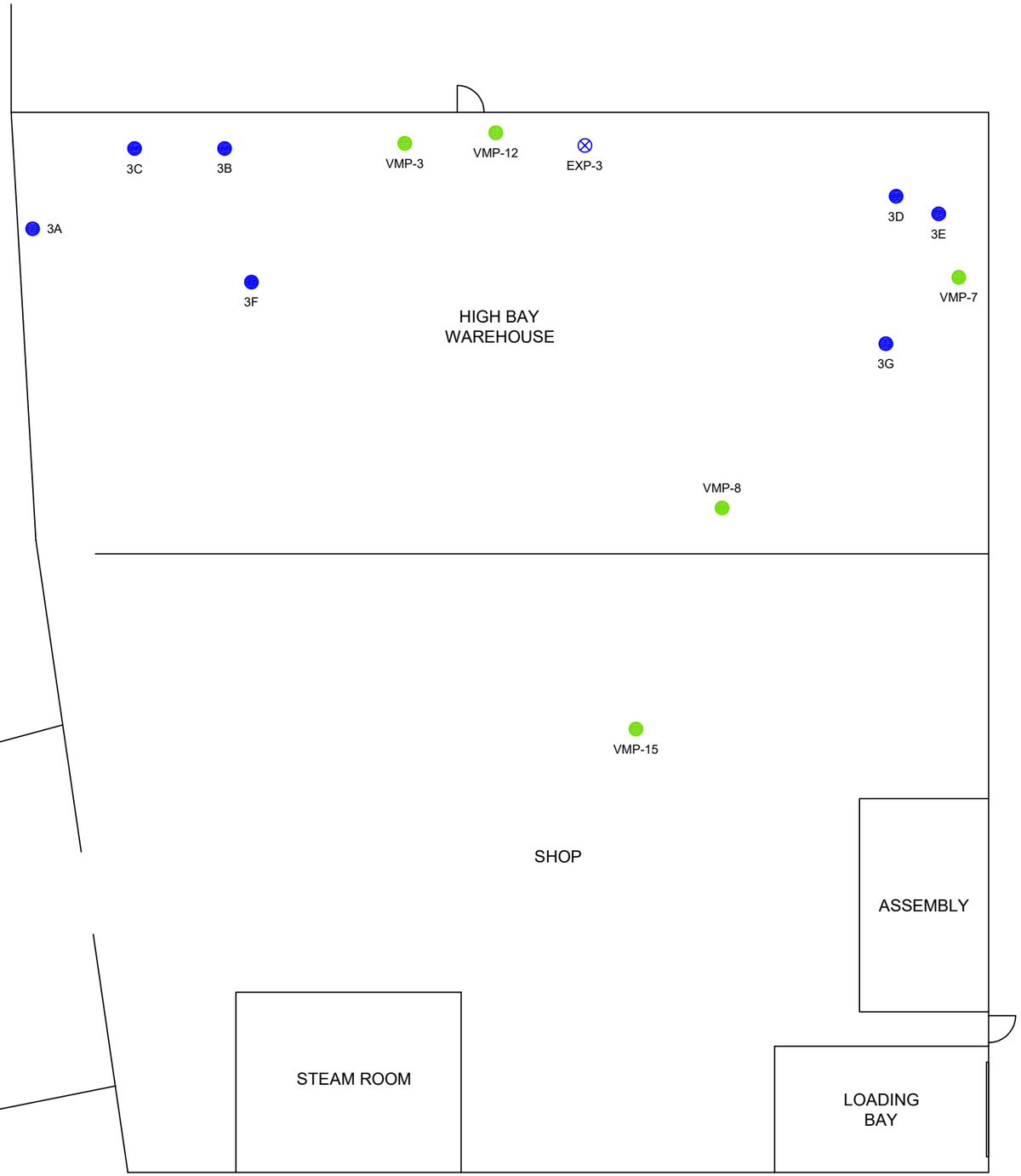
DESCRIPTION:	DATE:
Final	July 15, 2024

PROJECT NO:

SHEET NO:

V-1d

SHEET TITLE:	ALPINE ENVIRONMENTAL: PILOT TESTING; EXP-2 LOCATIONS		
DRAWN BY:	BG	CHECKED BY:	MS



LEGEND:

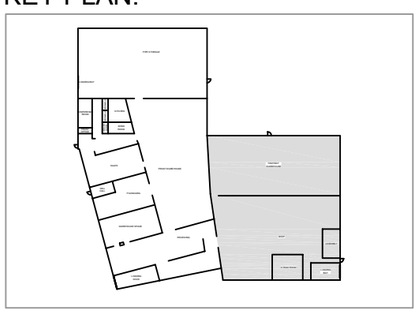
Test Extraction Point: ⊗ EXP-1
Temporary (sealed after test)

Test Point ID (Alliance): ● VMP-1
Permanent (existing)

Test Point ID (Alpine): ● 1A
Temporary (sealed after test)

EXP-3	Distance (ft)	Static (IN WC)	HS5000 / 20"
VMP-7	44	n/a	n/a
3D	35	0.000	-0.003
3E	40	0.000	-0.003
3G	40	0.000	-0.046
VMP-8	43	0.000	-0.060
VMP-15	65	0.000	-0.002
3F	40	0.000	-0.008
3A	62	0.000	0.000
VMP-12	10	0.000	-0.421
VMP-3	20	0.000	-0.031
3B	40	0.000	-0.003
3C	50	0.000	-0.001

KEY PLAN:



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June 2023

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DESCRIPTION:	DATE:
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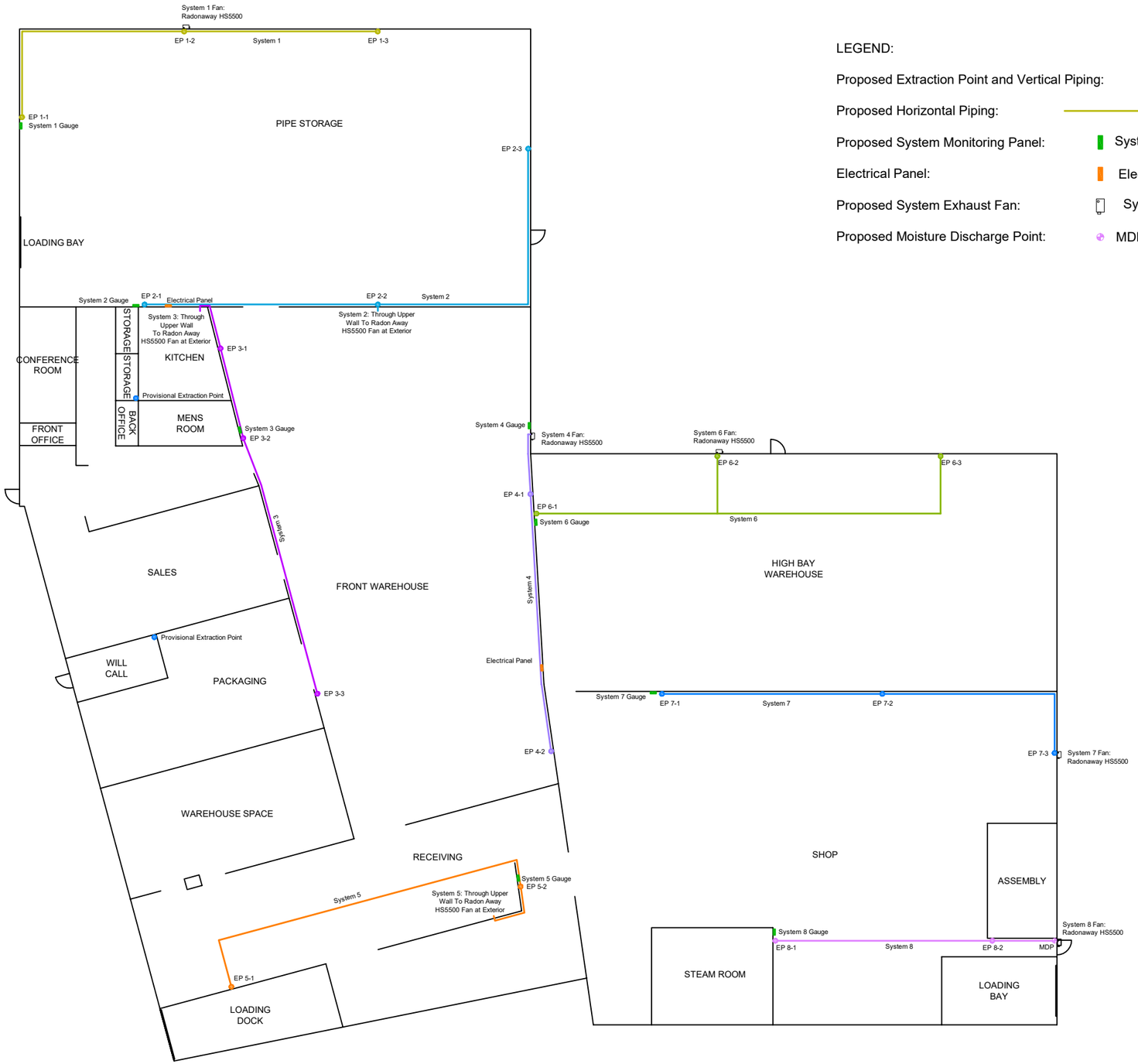
PROJECT NO:

SHEET NO:

V-1e

SHEET TITLE:	ALPINE ENVIRONMENTAL: PILOT TESTING; EXP-3 LOCATIONS		
DRAWN BY:	BG	CHECKED BY:	MS



LEGEND:

Proposed Extraction Point and Vertical Piping: EP 1-1

Proposed Horizontal Piping:

Proposed System Monitoring Panel: System 1 Gauge

Electrical Panel: Electrical Panel

Proposed System Exhaust Fan: System 1 Fan

Proposed Moisture Discharge Point: MDP

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June 2023

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Buffalo, New York

DESCRIPTION:	DATE:
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PROJECT NO:

SHEET NO:

V-2

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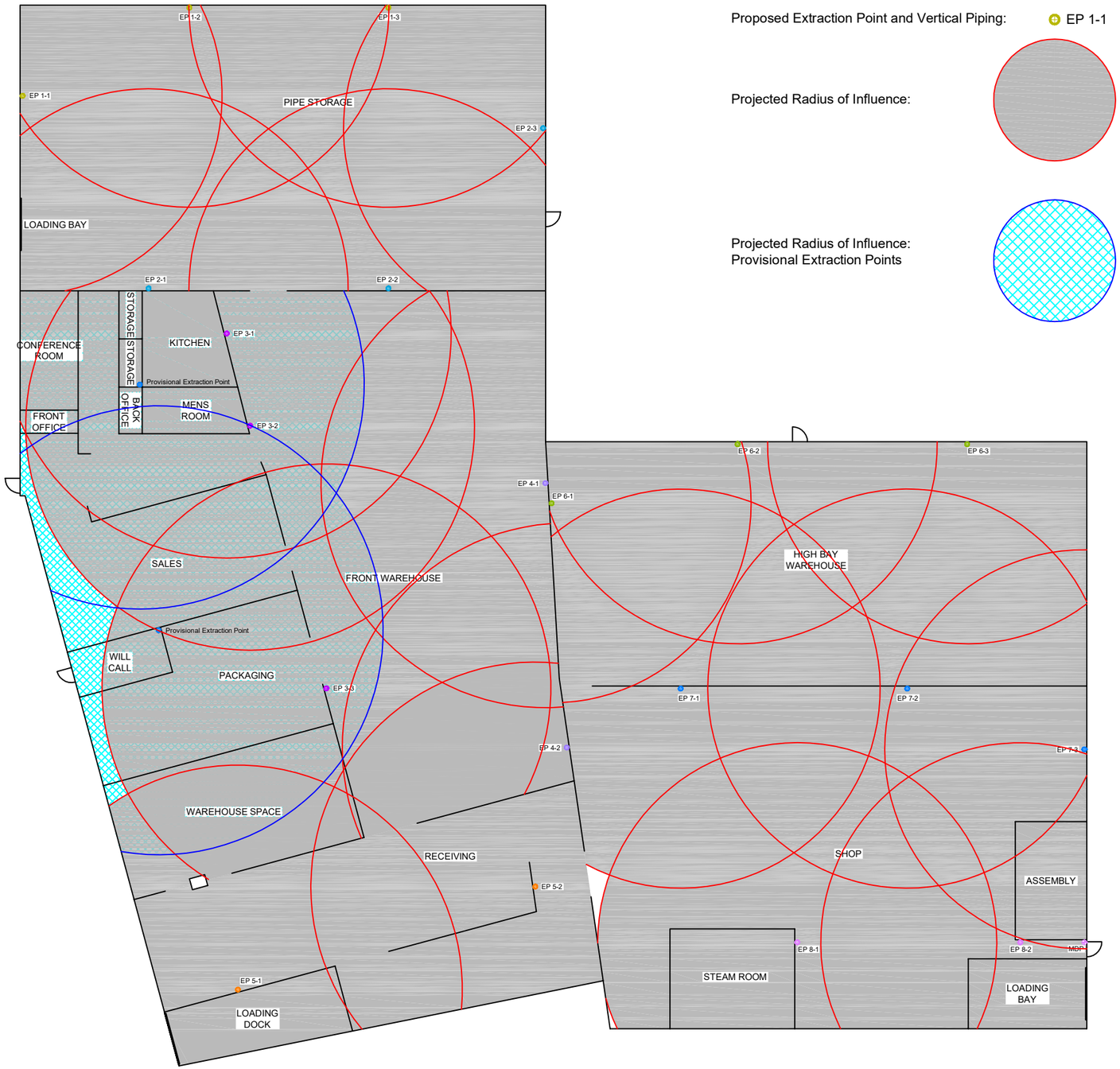
071955-1

SHEET TITLE:	VAPOR MITIGATION SYSTEM: PROPOSED SYSTEM LAYOUT		
DRAWN BY:	BG	CHECKED BY:	MS



LEGEND:

Proposed Extraction Point and Vertical Piping: EP 1-1

Projected Radius of Influence:

Projected Radius of Influence:
Provisional Extraction Points

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LICENSED PROFESSIONAL ENGINEER

DATE:
June 2023

26 Clarence Avenue
Buffalo, New York

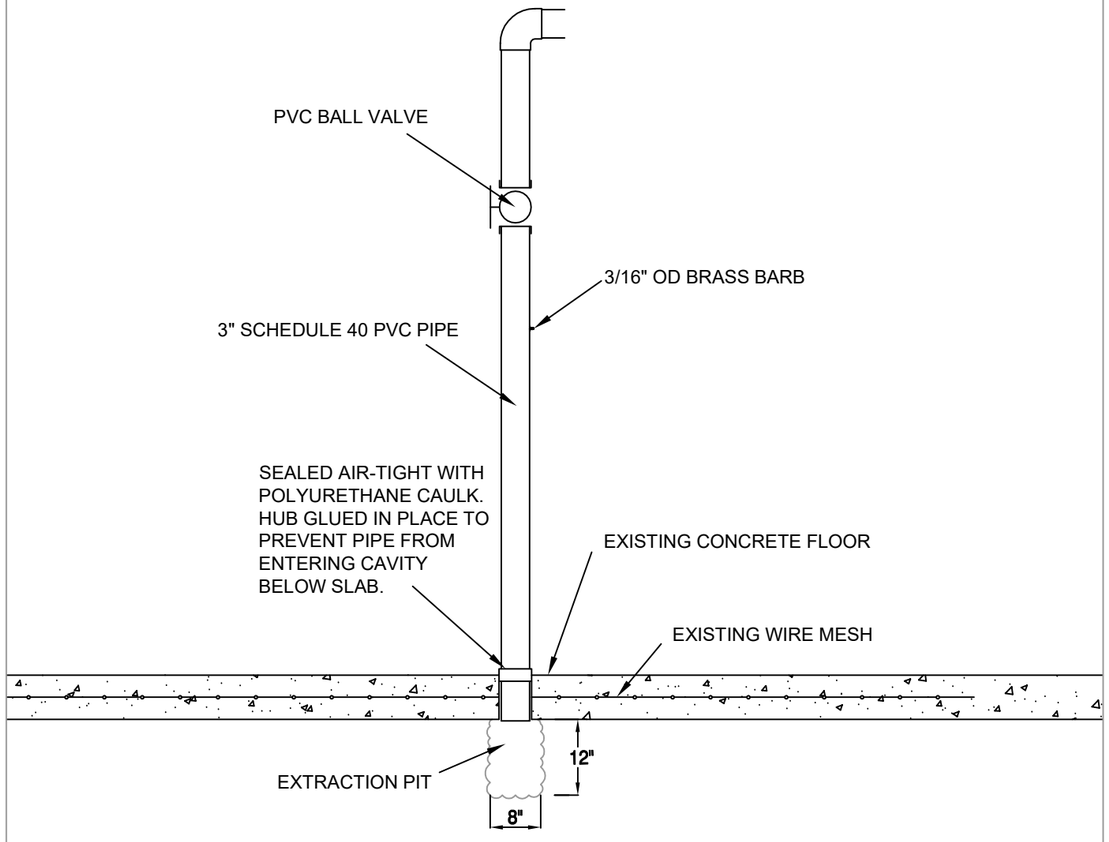
DESCRIPTION:	DATE:
Final	July 15, 2024

PROJECT NO:

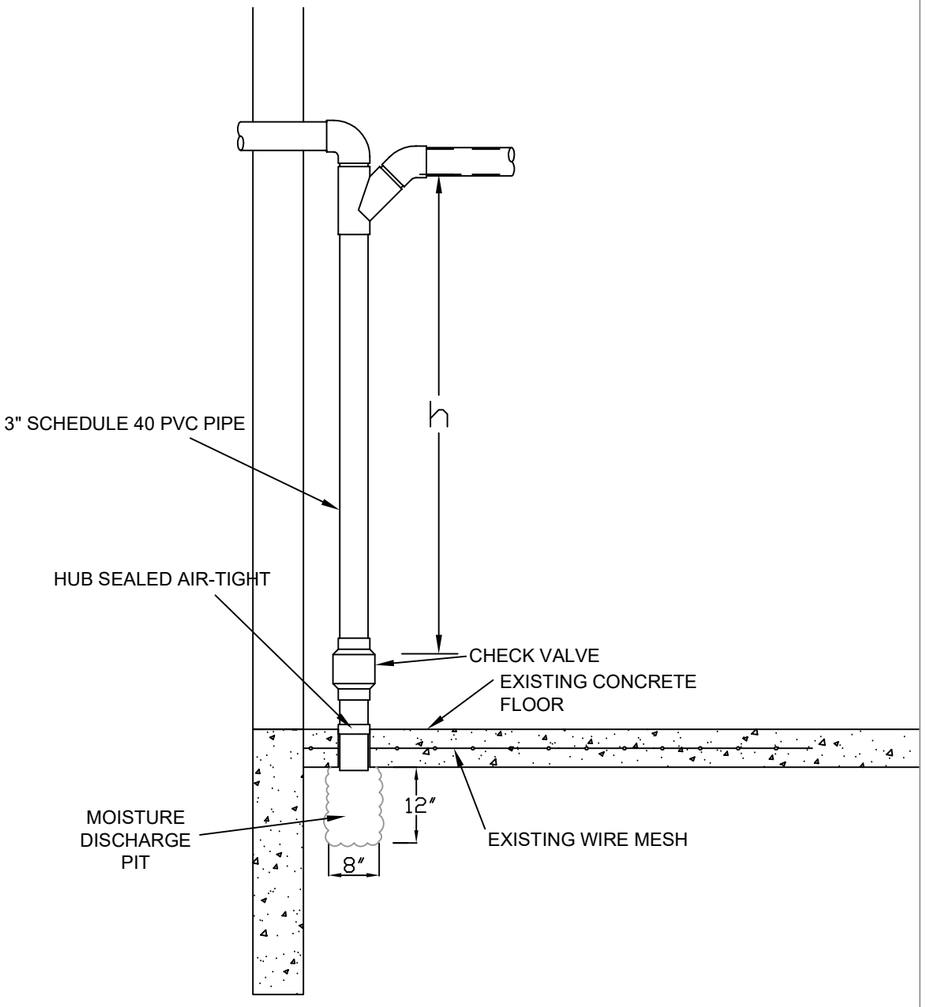
SHEET NO:

V-2a

SHEET TITLE:	PROJECTED RADIUS OF INFLUENCE		
DRAWN BY:	BG	CHECKED BY:	MS



EXTRACTION POINT DETAIL
NOT TO SCALE



THE RELATIONSHIP OF THE HEIGHT (h in inches) BETWEEN THE CHECK VALVE AND THE NEAREST LATERAL PIPING ABOVE, AND THE CRACKING FORCE OF THE CHECK VALVE (Pc in pounds) IS AS FOLLOWS: Pc (pounds) < h/4 (pounds)

MOISTURE DISCHARGE POINT (MDP) DETAIL
NOT TO SCALE

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DATE:
June 2023

26 Clarence Avenue
Buffalo, New York

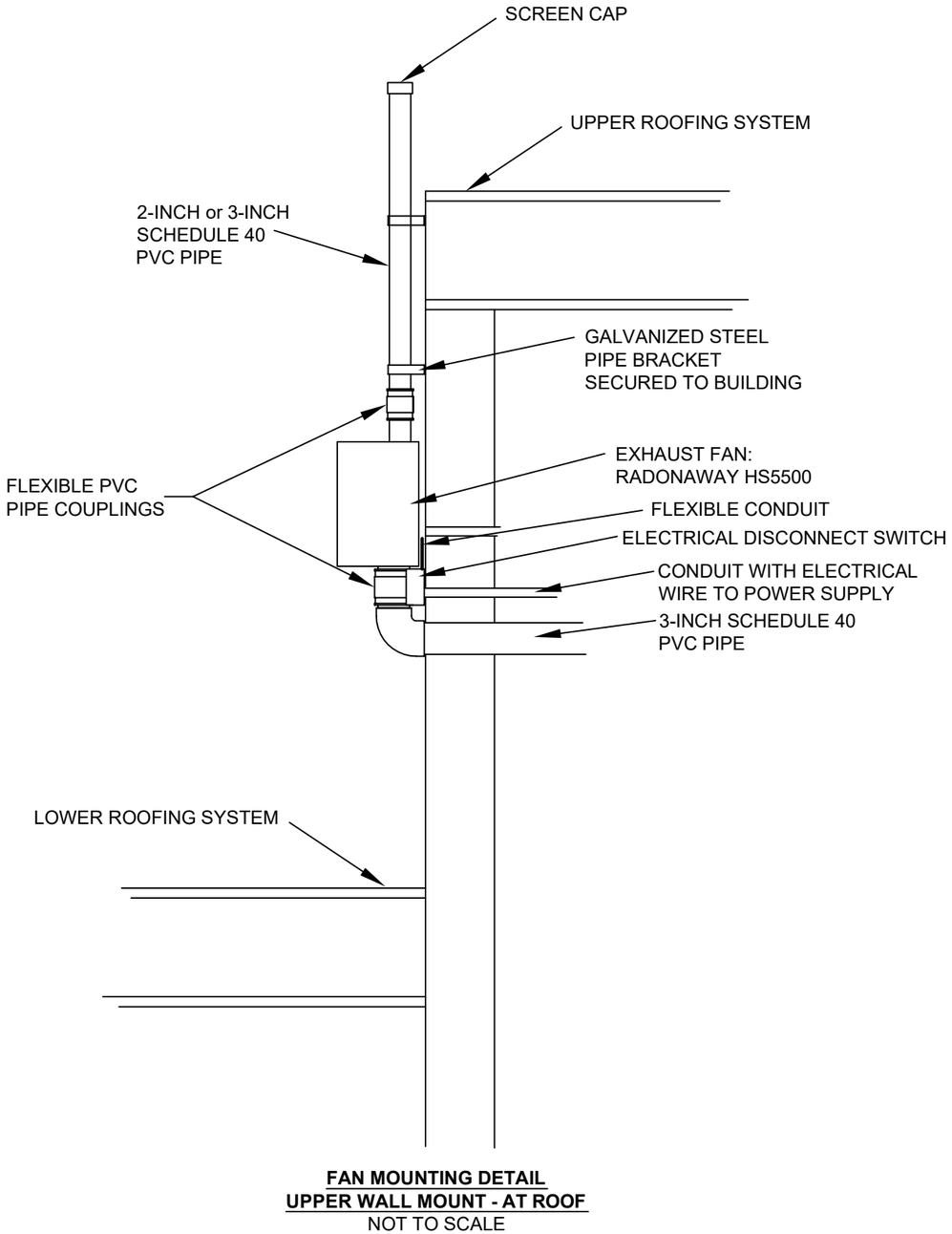
DESCRIPTION:	DATE:
Final	July 15, 2024

PROJECT NO:

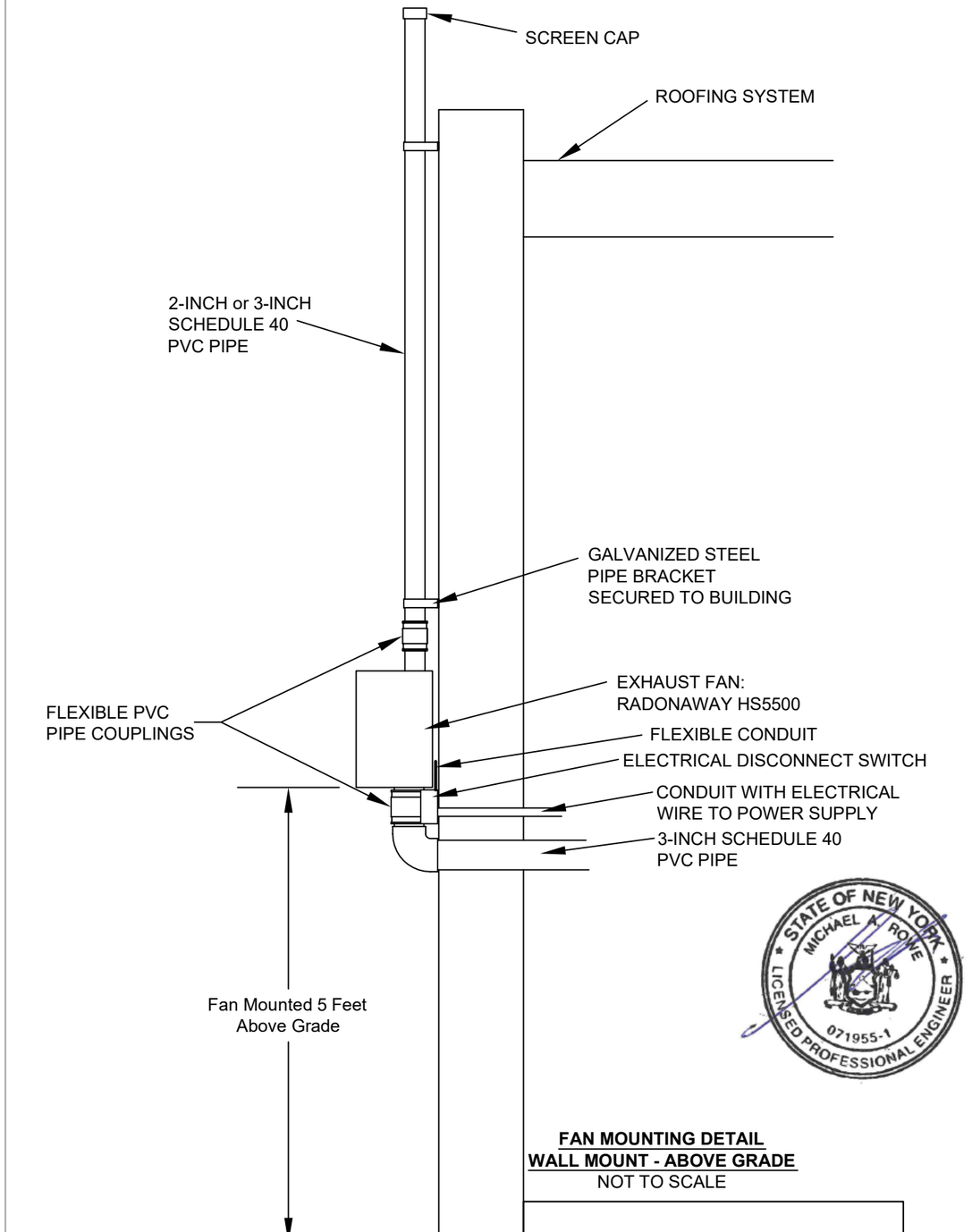
SHEET NO:

V-3a

SHEET TITLE:	VAPOR MITIGATION SYSTEM - DETAILS 1		
DRAWN BY:	BG	CHECKED BY:	MS



FAN MOUNTING DETAIL
UPPER WALL MOUNT - AT ROOF
NOT TO SCALE



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FAN MOUNTING DETAIL
WALL MOUNT - ABOVE GRADE
NOT TO SCALE

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Alpine ENVIRONMENTAL SERVICES

Alliance Environmental Group
An F.W. Webb Company

DATE:
June 2023

26 Clarence Avenue
Buffalo, New York

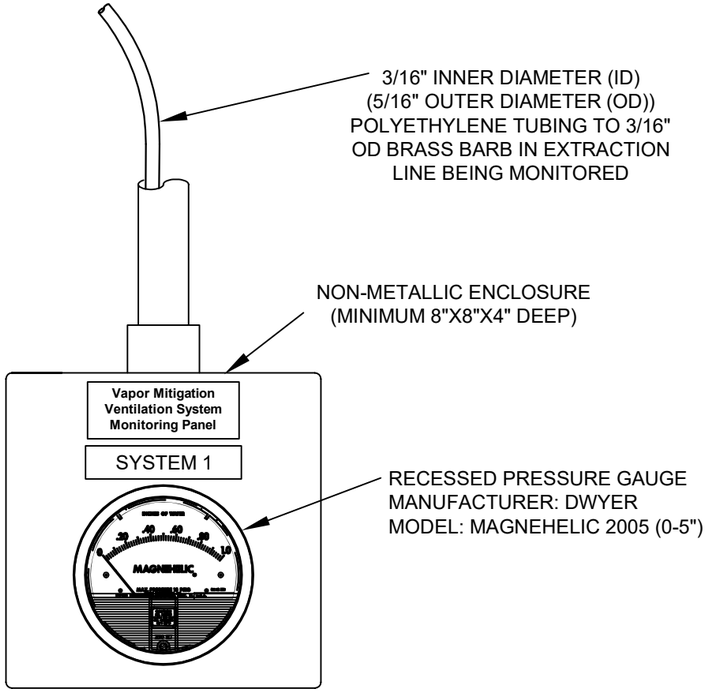
DESCRIPTION:	DATE:
Final	July 15, 2024

PROJECT NO:

SHEET NO:

V-3b

SHEET TITLE:	VAPOR MITIGATION SYSTEM - DETAILS 2		
DRAWN BY:	BG	CHECKED BY:	MS



MONITORING PANEL
NOT TO SCALE

KAR ENGINEERING ASSOCIATES, INC.
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Alpine ENVIRONMENTAL SERVICES

Alliance Environmental Group
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DATE:
June 2023

26 Clarence Avenue
Buffalo, New York

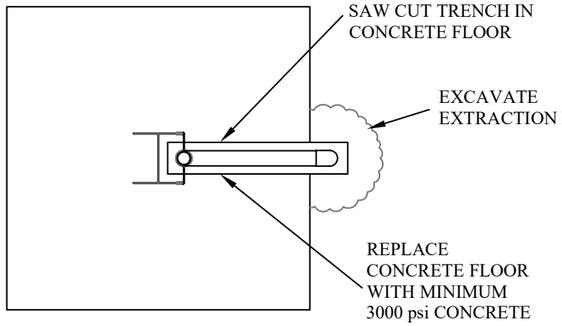
DESCRIPTION:	DATE:
Final	July 15, 2024

PROJECT NO:

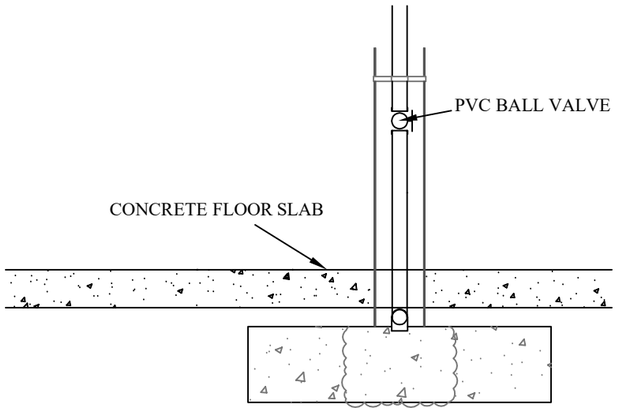
SHEET NO:

V-3c

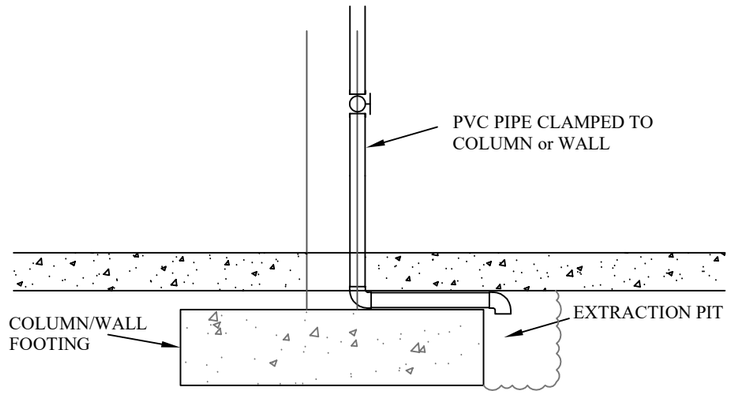
SHEET TITLE:	VAPOR MITIGATION SYSTEM - DETAILS 3		
DRAWN BY:	BG	CHECKED BY:	MS



EXTRACTION POINT DETAIL AT COLUMN OR WALL FOOTING TOP VIEW
NOT TO SCALE



EXTRACTION POINT DETAIL AT COLUMN OR WALL FOOTING END VIEW
NOT TO SCALE



EXTRACTION POINT DETAIL AT COLUMN OR WALL FOOTING SIDE VIEW
NOT TO SCALE

STATE OF NEW YORK
MICHAEL A. ROWE
071955-1
LICENSED PROFESSIONAL ENGINEER

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26 Clarence Avenue
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DESCRIPTION:	DATE:
Final	July 15, 2024

PROJECT NO:

SHEET NO:

V-3d

SHEET TITLE:	VAPOR MITIGATION SYSTEM - DETAILS 4			
DRAWN BY:	BG	CHECKED BY:	MS	

RadonAway
The world's leading radon fan manufacturer

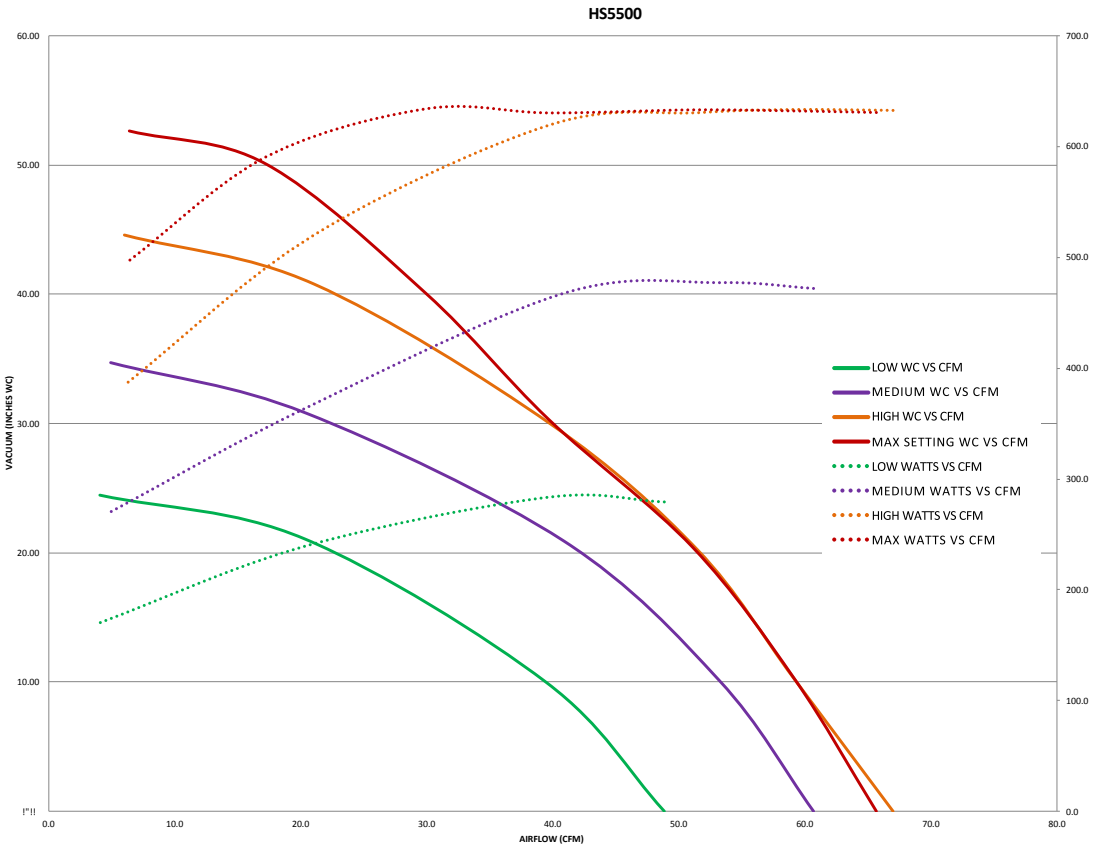
HS5500

RadonAway's new HS5500 is an ETL-listed high pressure blower that has been designed with the professional in mind. The HS5500 features multiple speed settings to meet site-specific pressures and air flows easily verified by a built in pressure gauge in the front cover of the unit. These blower units have a new electrical box design with a wire terminal strip along with two flexible pipe couplings for quick and easy site installation.

HS5500 FEATURES

- 4 Blower Speed Settings
- Integrated Condensate Bypass
- Designed for Easy Motor Replacement
- ETL Listed
- Built-in 60" Vacuum Gauge
- Quiet Operation
- 4-Stage Blower Designed for Harsh Environmental Conditions

SPEED SETTING	MAX RECOMMENDED OPERATING VACUUM	MAX OPERATING RANGE WATTS
LOW	20" WC	243-281
MEDIUM	30" WC	372-477
HIGH	40" WC	527-625
MAX	50" WC	591-632



sales@radonaway.com | radonaway.com | 800-767-3703

Rev A 0220
P/N 02085

APPENDIX H

VOC Emissions from Proposed SSDS Systems

5/1/2025
26 Clarence Avenue, Buffalo, NY
Table 2 - SSDS Total VOC Emission Calculation
***Updated for NYDEC Comments**

KAR ENGINEERING ASSOCIATES, INC.
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System Area 1

				Blower-Option 1						Regulatory Guideline		
Date	**Location**	**Analyte**	**µg/m^3**	**CF/min**	**tons/yr**	**#/yr**	**#/dy**	**#/hr**	**#/hr**	**Exceedance**	**+ / -**
4/14/2022	VMP-11	Ethanol	127	43							
		Isopropanol	26.5								
		trans-1,2-Dichloroethene	8.64								
		2-Butanone	12								
		cis-1,2-Dichloroethene	4.68								
		1,1,1-Trichloroethane	1,030								
		Trichloroethene	1,910		0.00135	2.70	0.007	0.000307	0.057	no	185.4
		Toluene	18.4								
		Tetrachloroethene	614		0.00043	0.87	0.002	0.000099	0.11	no	1,112.8

Notes:
VOCs - Volatile Organic Compounds
TVOCs - Total VOCs - Refer Alpha Lab Report
SG - Soil Gas
1 m^3 = 35.3 cf
1 g = 1E+6 µg
1 # = 454 g
1 day = 1,440 minutes
# = pound
g = gram
m = meter
CF = cubic foot
dy = day
LF = Linear Feet
Blower Loss in Inches of Water Column
Blower CFM is projected based on Product Info.
+ / - is order of magnitude = (Regulatory Guideline # / hr) / (actual VOC # / hr)
SSDS - Subslab Depressurization System

Regulatory Guideline
13-Jul-2021 NYSDEC
Clean Air Discharge Requirements

Blower Information
RadonAway HS5500
Assume 20 inches of Water Column - Medium Speed Setting
Use 43 CFM as Conservative Estimate

5/1/2025
26 Clarence Avenue, Buffalo, NY
Table 2 - SSDS Total VOC Emission Calculation
***Updated for NYDEC Comments**

KAR ENGINEERING ASSOCIATES, INC.
• 5 HELLER DRIVE • BRIDGEWATER, NEW JERSEY • 08807 •
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System Area 2

			Blower-Option 1						Regulatory Guideline		
Date	**Location**	**Analyte**	**µg/m³**	**CF/min**	**tons/yr**	**#/yr**	**#/dy**	**#/hr**	**#/hr**	**Exceedance**	**+ / -**
4/14/2022	VMP-4	trans-1,2-Dichloroethene	817	43							
		1,1-Dichloroethane	919								
		cis-1,2-Dichloroethene	1,420								
		1,1,1-Trichloroethane	4,110								
		Cyclohexane	20								
		Trichloroethene	11,300		0.00797	15.95	0.044	0.001819	0.057	no	31.3
		Tetrachloroethene	70,500		0.04975	99.49	0.272	0.011350	0.11	no	9.7

Notes:
VOCs - Volatile Organic Compounds
TVOCs - Total VOCs - Refer Alpha Lab Report
SG - Soil Gas
1 m^3 = 35.3 cf
1 g = 1E+6 µg
1 # = 454 g
1 day = 1,440 minutes
# = pound
g = gram
m = meter
CF = cubic foot
dy = day
LF = Linear Feet
Blower Loss in Inches of Water Column
Blower CFM is projected based on Product Info.
+ / - is order of magnitude = (Regulatory Guideline # / hr) / (actual VOC # / hr)
SSDS - Subslab Depressurization System

Regulatory Guideline
13-Jul-2021 NYSDEC
Clean Air Discharge Requirements

Blower Information
RadonAway HS5500
Assume 20 inches of Water Column - Medium Speed Setting
Use 43 CFM as Conservative Estimate

5/1/2025
26 Clarence Avenue, Buffalo, NY
Table 2 - SSDS Total VOC Emission Calculation
***Updated for NYDEC Comments**

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System Area 3

				Blower-Option 1					Regulatory Guideline		
Date	**Location**	**Analyte**	**µg/m³**	**CF/min**	**tons/yr**	**#/yr**	**#/dy**	**#/hr**	**#/hr**	**Exceedance**	**+ / -**
4/14/2022	VMP-1	trans-1,2-Dichloroethene	185	43							
		1,1-Dichloroethane	1,250								
		cis-1,2-Dichloroethene	702								
		1,1,1-Trichloroethane	3,060								
		Trichloroethene	7,850		0.00554	11.08	0.030	0.001264	0.057	no	45.1
		Tetrachloroethene	3,180		0.00224	4.49	0.012	0.000512	0.11	no	214.9
4/14/2022	VMP-16	1,1-Dichloroethene	55.9								
		trans-1,2-Dichloroethene	1,450								
		1,1-Dichloroethane	5,830								
		cis-1,2-Dichloroethene	2,220								
		1,1,1-Trichloroethane	7,580								
		1,4-Dioxane	20								
		Trichloroethene	11,100		0.00783	15.66	0.043	0.001787	0.057	no	31.9
		Tetrachloroethene	183		0.00013	0.26	0.001	0.000029	0.11	no	3733.8
System Area 3 Sum		Total Trichloroethene	18,950		0.01337	26.74	0.073	0.003051	0.057	no	18.7
		Total Tetrachloroethene	3,363.00		0.00237	4.75	0.013	0.000541	0.11	no	203.2

Notes:
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1 g = 1E+6 µg
1 # = 454 g
1 day = 1,440 minutes
# = pound
g = gram
+ / - is order of magnitude = (Regulatory Guideline # / hr) / (actual VOC # / hr)
CF = cubic foot
dy = day
LF = Linear Feet
Blower Loss in Inches of Water Column
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Blower Information
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5/1/2025
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Table 2 - SSDS Total VOC Emission Calculation
***Updated for NYDEC Comments**

System Area 4

				Blower-Option 1					Regulatory Guideline		
Date	**Location**	**Analyte**	**µg/m³**	**CF/min**	**tons/yr**	**#/yr**	**#/dy**	**#/hr**	**#/hr**	**Exceedance**	**+ / -**
4/14/2022	VMP-6	1,1-Dichloroethane	51.4	43							
		cis-1,2-Dichloroethene	65.4								
		Trichloroethene	18,100		0.01277	25.54	0.070	0.002914	0.057	no	19.6
		Tetrachloroethene	16,700		0.01178	23.57	0.065	0.002688	0.11	no	40.9
4/14/2022	VMP-13	trans-1,2-Dichloroethene	66.6								
		1,1-Dichloroethane	226								
		cis-1,2-Dichloroethene	785								
		1,1,1-Trichloroethane	818								
		Trichloroethene	9,240		0.00652	13.04	0.036	0.001488	0.057	no	38.3
		Tetrachloroethene	4,730		0.00334	6.68	0.018	0.000761	0.11	no	144.5
10/28/2021	VMP-2	Dichlorodifluoromethane	1.55								
		Chloromethane	0.826								
System Area 4 Sum		Total Trichloroethene	27,340		0.01929	38.58	0.106	0.004401	0.057	no	13.0
		Total Tetrachloroethene	21,430.00		0.01512	30.24	0.083	0.003450	0.11	no	31.9

Notes:
VOCs - Volatile Organic Compounds
TVOCs - Total VOCs - Refer Alpha Lab Report
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1 m^3 = 35.3 cf
1 g = 1E+6 µg
1 # = 454 g
1 day = 1,440 minutes
# = pound
g = gram
m = meter
+ / - is order of magnitude = (Regulatory Guideline # / hr) / (actual VOC # / hr)
dy = day
LF = Linear Feet
Blower Loss in Inches of Water Column
Blower CFM is projected based on Product Info.
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Regulatory Guideline
13-Jul-2021 NYSDEC
Clean Air Discharge Requirements

Blower Information
RadonAway HS5500
Assume 20 inches of Water Column - Medium Speed Setting
Use 43 CFM as Conservative Estimate

5/1/2025
26 Clarence Avenue, Buffalo, NY
Table 2 - SSDS Total VOC Emission Calculation
***Updated for NYDEC Comments**

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System Area 5

				Blower-Option 1						Regulatory Guideline		
Date	**Location**	**Analyte**	**µg/m³**	**CF/min**	**tons/yr**	**#/yr**	**#/dy**	**#/hr**		**#/hr**	**Exceedance**	**+ / -**
4/14/2022	VMP-14	Vinyl Chloride	1,590	43	0.00112	2.24	0.006	0.000256		0.011	no	43.0
		n-Hexane	171,000									
		Cyclohexane	43,400									
		Heptane	29,500									
		Tetrachloroethene	1,270		0.00090	1.79	0.005	0.000204		0.011	no	53.8

Notes:
VOCs - Volatile Organic Compounds
TVOCs - Total VOCs - Refer Alpha Lab Report
SG - Soil Gas
1 m^3 = 35.3 cf
1 g = 1E+6 µg
1 # = 454 g
1 day = 1,440 minutes
# = pound
g = gram
m = meter
CF = cubic foot
dy = day
LF = Linear Feet
Blower Loss in Inches of Water Column
Blower CFM is projected based on Product Info.
+ / - is order of magnitude = (Regulatory Guideline # / hr) / (actual VOC # / hr)
SSDS - Subslab Depressurization System

Regulatory Guideline
13-Jul-2021 NYSDEC
Clean Air Discharge Requirements

RadonAway HS5500
Assume 20 inches of Water Column - Medium Speed Setting
Use 43 CFM as Conservative Estimate

5/1/2025
26 Clarence Avenue, Buffalo, NY
Table 2 - SSDS Total VOC Emission Calculation
***Updated for NYDEC Comments**

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System Area 6

				Blower-Option 1						Regulatory Guideline		
Date	**Location**	**Analyte**	**µg/m³**	**CF/min**	**tons/yr**	**#/yr**	**#/dy**	**#/hr**		**#/hr**	**Exceedance**	**+ / -**
4/14/2022	VMP-3	trans-1,2-Dichloroethene	28.7	43								
		1,1-Dichloroethane	688									
		cis-1,2-Dichloroethene	74.5									
		1,1,1-Trichloroethane	1,690									
		Trichloroethene	860		0.00061	1.21	0.003	0.000138		0.057	no	411.7
		Toluene	10.7									
		Tetrachloroethene	3,820		0.00270	5.39	0.015	0.000615		0.11	no	178.9

Notes:
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TVOCs - Total VOCs - Refer Alpha Lab Report
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1 g = 1E+6 µg
1 # = 454 g
1 day = 1,440 minutes
# = pound
g = gram
m = meter
CF = cubic foot
dy = day
LF = Linear Feet
Blower Loss in Inches of Water Column
Blower CFM is projected based on Product Info.
+ / - is order of magnitude = (Regulatory Guideline # / hr) / (actual VOC # / hr)
SSDS - Subslab Depressurization System

Regulatory Guideline
13-Jul-2021 NYSDEC
Clean Air Discharge Requirements

Blower Information
RadonAway HS5500
Assume 20 inches of Water Column - Medium Speed Setting
Use 43 CFM as Conservative Estimate

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5/1/2025
26 Clarence Avenue, Buffalo, NY
Table 2 - SSDS Total VOC Emission Calculation
***Updated for NYDEC Comments**

System Area 7

				Blower-Option 1					Regulatory Guideline		
Date	**Location**	**Analyte**	**µg/m³**	**CF/min**	**tons/yr**	**#/yr**	**#/dy**	**#/hr**	**#/hr**	**Exceedance**	**+ / -**
4/14/2022	VMP-8	Vinyl Chloride	320	43	0.00023	0.45	0.001	0.000052	0.011	no	213.5
		trans-1,2-Dichloroethene	73.3								
		1,1-Dichloroethane	2,850								
		cis-1,2-Dichloroethene	9,750								
		1,1,1-Trichloroethane	9,060								
		Cyclohexane	55.1								
		Trichloroethene	1,030		0.00073	1.45	0.004	0.000166	0.057	no	343.8
		Toluene	53.1								
		Tetrachloroethene	30,200		0.02131	42.62	0.117	0.004862	0.11	no	22.6
4/14/2022	VMP-15	Ethanol	139								
		Isopropanol	61.2								
		1,1-Dichloroethane	92.3								
		1,1,1-Trichloroethane	2,520								
		1,4-Dioxane	11.9								
		Trichloroethene	230		0.00016	0.32	0.001	0.000037	0.057	no	1,539.4
		Toluene	6.67								
		Tetrachloroethene	3,560		0.00251	5.02	0.014	0.000573	0.11	no	191.9
System Area 7 Sum		Vinyl Chloride	320		0.00023	0.45	0.001	0.000052	0.11	no	2,135.3
		Total Trichloroethene	1,260		0.00089	1.78	0.005	0.000203	0.057	no	281.0
		Total Tetrachloroethene	33,760.00		0.02382	47.64	0.130	0.005435	0.11	no	20.2

Notes:
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# = pound
g = gram
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CF = cubic foot
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LF = Linear Feet
Blower Loss in Inches of Water Column
Blower CFM is projected based on Product Info.
SSDS - Subslab Depressurization System

Regulatory Guideline
13-Jul-2021 NYSDEC
Clean Air Discharge Requirements

Blower Information
RadonAway HS5500
Assume 20 inches of Water Column - Medium Speed Setting
Use 43 CFM as Conservative Estimate

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Table 2 - SSDS Total VOC Emission Calculation
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System Area 8

				Blower-Option 1						Regulatory Guideline		
Date	**Location**	**Analyte**	**µg/m³**	**CF/min**	**tons/yr**	**#/yr**	**#/dy**	**#/hr**		**#/hr**	**Exceedance**	**+ / -**
4/14/2022	VMP-15	Ethanol	139	43								
		Isopropanol	61.2									
		1,1-Dichloroethane	92.3									
		1,1,1-Trichloroethane	2,520									
		1,4-Dioxane	11.9									
		Trichloroethene	230		0.00016	0.32	0.001	0.000037		0.057	no	1,539.4
		Toluene	6.67									
		Tetrachloroethene	3,560		0.00251	5.02	0.014	0.000573		0.11	no	191.9

Notes:
VOCs - Volatile Organic Compounds
TVOCs - Total VOCs - Refer Alpha Lab Report
SG - Soil Gas
1 m^3 = 35.3 cf
1 g = 1E+6 µg
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1 day = 1,440 minutes
# = pound
g = gram
m = meter
CF = cubic foot
dy = day
LF = Linear Feet
Blower Loss in Inches of Water Column
Blower CFM is projected based on Product Info.
+ / - is order of magnitude = (Regulatory Guideline # / hr) / (actual VOC # / hr)

Regulatory Guideline
13-Jul-2021 NYSDEC
Clean Air Discharge Requirements

Blower Information
RadonAway HS5500
Assume 20 inches of Water Column - Medium Speed Setting
Use 43 CFM as Conservative Estimate

APPENDIX I

Community Air Monitoring Plan (CAMP)

New York State Department of Health
Community Air Monitoring Plan
26 Clarence Avenue, Buffalo, NY

Overview A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities as part of the installation of the proposed SSDS. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from

existing monitoring wells. “Periodic” monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

VOCs must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable

of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

Special Requirements for Work Within 20 Feet of Potentially Exposed Individuals or Structures

When work areas are within 20 feet of potentially exposed populations or occupied structures, the continuous monitoring locations for VOCs and particulates must reflect the nearest potentially exposed individuals and the location of ventilation system intakes for nearby structures. The use of engineering controls such as vapor/dust barriers, temporary negative-pressure enclosures, or special ventilation devices should be considered to prevent exposures related to the work activities and to control dust and odors. Consideration should be given to implementing the planned activities when potentially exposed populations are at a minimum, such as during weekends or evening hours in non-residential settings.

• If total VOC concentrations opposite the walls of occupied structures or next to intake vents exceed 1 ppm, monitoring should occur within the occupied structure(s). Background readings in the occupied spaces must be taken prior to commencement of the planned work. Any unusual background readings should be discussed with NYSDOH prior to commencement of the work.

• If total particulate concentrations opposite the walls of occupied structures or next to intake vents exceed 150 mcg/m^3, work activities should be suspended until controls are implemented and are successful in reducing the total particulate concentration to 150 mcg/m^3 or less at the monitoring point.

• Depending upon the nature of contamination and remedial activities, other parameters (e.g., explosivity, oxygen, hydrogen sulfide, carbon monoxide) may also need to be monitored. Response levels and actions should be pre-determined, as necessary, for each site.

Special Requirements for Indoor Work With Co-Located Residences or Facilities

Unless a self-contained, negative-pressure enclosure with proper emission controls will encompass the work area, all individuals not directly involved with the planned work must be absent from the room in which the work will occur. Monitoring requirements shall be as stated above under "Special Requirements for Work Within 20 Feet of Potentially Exposed Individuals or Structures" except that in this instance "nearby/occupied structures" would be adjacent occupied rooms. Additionally, the location of all exhaust vents in the room and their discharge points, as well as potential vapor pathways (openings, conduits, etc.) relative to adjoining rooms, should be understood and the monitoring locations established accordingly. In these situations, it is strongly recommended that exhaust fans or other engineering controls be used to create negative air pressure within the work area during remedial activities. Additionally, it is strongly recommended that the planned work be implemented during hours (e.g. weekends or evenings) when building occupancy is at a minimum.